

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072921\
 Data File : VN067966.D
 Acq On : 29 Jul 2021 15:25
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 29 15:42:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.083	168	406031	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	714755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	698572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	344032	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	280902	48.869	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.740%
35) Dibromofluoromethane	8.021	113	217359	52.181	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.360%
50) Toluene-d8	10.443	98	890459	46.604	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.200%
62) 4-Bromofluorobenzene	12.734	95	320176	45.950	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.900%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.070	85	188096	45.211	ug/l	97
3) Chloromethane	2.301	50	235797	45.626	ug/l	98
4) Vinyl Chloride	2.443	62	372052	46.141	ug/l	98
5) Bromomethane	2.837	94	322036	44.813	ug/l	99
6) Chloroethane	3.009	64	295590	47.278	ug/l	95
7) Trichlorofluoromethane	3.365	101	714793	48.920	ug/l	99
8) Diethyl Ether	3.819	74	129822	46.758	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.200	101	203275	48.260	ug/l	96
10) Methyl Iodide	4.414	142	242144	44.383	ug/l	92
11) Tert butyl alcohol	5.385	59	194495	252.543	ug/l	100
12) 1,1-Dichloroethene	4.170	96	191087	49.632	ug/l	89
13) Acrolein	4.036	56	130987	250.619	ug/l	99
14) Allyl chloride	4.835	41	327321	50.061	ug/l	95
15) Acrylonitrile	5.554	53	553079	256.226	ug/l	99
16) Acetone	4.285	43	435578	207.683	ug/l	92
17) Carbon Disulfide	4.519	76	547042	48.992	ug/l	98
18) Methyl Acetate	4.854	43	241034	47.795	ug/l	93
19) Methyl tert-butyl Ether	5.616	73	749491	51.859	ug/l	99
20) Methylene Chloride	5.090	84	239058	49.359	ug/l	91
21) trans-1,2-Dichloroethene	5.589	96	226486	50.578	ug/l	90
22) Diisopropyl ether	6.495	45	759342	52.316	ug/l	97
23) Vinyl Acetate	6.434	43	3214992	235.026	ug/l	95
24) 1,1-Dichloroethane	6.383	63	422578	50.342	ug/l	99
25) 2-Butanone	7.337	43	744461	244.666	ug/l	96
26) 2,2-Dichloropropane	7.324	77	372367	50.721	ug/l	93
27) cis-1,2-Dichloroethene	7.324	96	272341	51.159	ug/l	86
28) Bromochloromethane	7.654	49	195940	48.941	ug/l	# 80
29) Tetrahydrofuran	7.686	42	501745	257.508	ug/l	91
30) Chloroform	7.818	83	472310	50.805	ug/l	100
31) Cyclohexane	8.094	56	400390	47.220	ug/l	93
32) 1,1,1-Trichloroethane	8.013	97	419386	52.226	ug/l	98
36) 1,1-Dichloropropene	8.220	75	354042	53.550	ug/l	96
37) Ethyl Acetate	7.413	43	319189	51.299	ug/l	98
38) Carbon Tetrachloride	8.206	117	359910	55.354	ug/l	96
39) Methylcyclohexane	9.459	83	397219	55.594	ug/l	92
40) Benzene	8.459	78	1055675	53.935	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072921\
 Data File : VN067966.D
 Acq On : 29 Jul 2021 15:25
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 29 15:42:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	155203	52.361	ug/l	90
42) 1,2-Dichloroethane	8.531	62	376619	52.097	ug/l	96
43) Isopropyl Acetate	8.563	43	557224	53.742	ug/l	96
44) Trichloroethene	9.218	130	268362	54.206	ug/l	84
45) 1,2-Dichloropropane	9.491	63	261527	53.627	ug/l	99
46) Dibromomethane	9.577	93	187948	53.306	ug/l	95
47) Bromodichloromethane	9.762	83	368579	54.850	ug/l	99
48) Methyl methacrylate	9.561	41	236925	46.022	ug/l	90
49) 1,4-Dioxane	9.572	88	88850	1077.322	ug/l	87
51) 4-Methyl-2-Pentanone	10.333	43	1711232	227.651	ug/l	95
52) Toluene	10.508	92	698216	54.900	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	400538	47.079	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	419526	47.549	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	263028	53.344	ug/l	96
56) Ethyl methacrylate	10.762	69	410767	46.559	ug/l	90
57) 1,3-Dichloropropane	11.047	76	439926	54.716	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	378184	221.779	ug/l	92
59) 2-Hexanone	11.087	43	1221798	228.107	ug/l	94
60) Dibromochloromethane	11.240	129	278152	45.488	ug/l	98
61) 1,2-Dibromoethane	11.347	107	272395	53.792	ug/l	99
64) Tetrachloroethene	10.980	164	265701	53.106	ug/l	93
65) Chlorobenzene	11.773	112	744580	52.404	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	278063	48.590	ug/l	98
67) Ethyl Benzene	11.846	91	1384243	54.710	ug/l	98
68) m/p-Xylenes	11.953	106	1066391	96.618	ug/l	87
69) o-Xylene	12.283	106	518632	55.756	ug/l	87
70) Styrene	12.296	104	870437	47.584	ug/l	93
71) Bromoform	12.460	173	189686	43.087	ug/l #	99
73) Isopropylbenzene	12.581	105	1349027	48.062	ug/l	97
74) N-amyl acetate	12.390	43	476409	48.831	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	373162	43.995	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	468214	67.767	ug/l #	100
77) Bromobenzene	12.862	156	305236	47.362	ug/l	75
78) n-propylbenzene	12.924	91	1578166	49.823	ug/l	97
79) 2-Chlorotoluene	13.010	91	918597	47.584	ug/l	90
80) 1,3,5-Trimethylbenzene	13.061	105	1132616	49.784	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.629	75	107788	43.779	ug/l	95
82) 4-Chlorotoluene	13.106	91	937884	48.390	ug/l	90
83) tert-Butylbenzene	13.326	119	941781	49.785	ug/l	88
84) 1,2,4-Trimethylbenzene	13.369	105	1111755	50.436	ug/l	92
85) sec-Butylbenzene	13.503	105	1346913	50.902	ug/l	96
86) p-Isopropyltoluene	13.619	119	1118580	53.133	ug/l	93
87) 1,3-Dichlorobenzene	13.619	146	593509	50.138	ug/l	94
88) 1,4-Dichlorobenzene	13.696	146	576098	49.282	ug/l	95
89) n-Butylbenzene	13.946	91	905409	50.156	ug/l	98
90) Hexachloroethane	14.214	117	186688	51.846	ug/l	96
91) 1,2-Dichlorobenzene	13.991	146	550825	49.417	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.606	75	65064	48.047	ug/l	72
93) 1,2,4-Trichlorobenzene	15.265	180	227884	45.838	ug/l	99
94) Hexachlorobutadiene	15.373	225	113494	49.000	ug/l	99
95) Naphthalene	15.509	128	617432	43.482	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	214250	45.551	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072921\
Data File : VN067966.D
Acq On : 29 Jul 2021 15:25
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 29 15:42:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 29 15:02:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Abundance

TIC: VN067966.D\data.ms

Time-->

2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00

Dichlorodifluoromethane, T
Chloromethane, P
Vinyl Chloride, C
Bromomethane, T
Chloroethane, T
Trichlorofluoromethane, T
Diethyl Ether, T
Acrolein, T
Acetone, T
Methyl Carbon Disulfide, T
Methyl Acetate, T
Methylene Chloride, T
Tert butyl alcohol, T
Acrylonitrile, T
1,1-Dichloroethane, P
Disopropyl ether, T
Vinyl Acetate, T
Ethyl Acetate, T
Methacrylonitrile, T
Chloroform, C
Dibromochloromethane, T
1-Chlorobenzene, I
1,2-Dichloropropane, TM
1,4-Difluorobenzene, I
Trichloroethene, TM
1,2-Dichloroethane, T
Bromodichloromethane, T
cis-1,3-Dichloropropene, T
2-Chloroethyl Vinyl ether, T
Toluene-d8, S
Toluene, CM
t-1,3-Dichloropropane, T
1,1,2-Trichloroethane, T
1,3-Dichloropropane, T
Dibromochloromethane, T
1,2-Dibromoethane, T
Chlorotetrafluoroethane, PM
1-Ethoxy-2-methylpropane, T
Isopropyl acetate, T
N-amyl acetate, T
trans-1,4-Dichloro-2-butene, T
1,1,2,2-Tetrachloroethane, S
1,1,2,2-Tetrachloroethane, T
Bromochloropropane, T
n-Propylbenzene, T
1,3,5-Trimethylbenzene, T
4-Chlorophenol, T
tert-Butylbenzene, T
sec-Butylbenzene, T
1,4-Dichlorobenzene, T
1,2-Dichlorobenzene, T
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane, T
1,2,4-Trichlorobenzene, T
Hexachlorocyclopentadiene, T
Naphthalene, T
1,2,3-Trichlorobenzene, T