

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080321\
 Data File : VN067975.D
 Acq On : 3 Aug 2021 10:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/5/2021 6:40:51 PM

Quant Time: Aug 04 03:36:08 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	8.086	168	431266	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	751919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	749826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	357617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	311187	50.970	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.940%			
35) Dibromofluoromethane	8.021	113	235494	53.740	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.480%			
50) Toluene-d8	10.443	98	1000051	49.492	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.980%			
62) 4-Bromofluorobenzene	12.734	95	360472	48.826	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.660%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.070	85	238019	53.863	ug/l	99
3) Chloromethane	2.301	50	266031	48.464	ug/l	99
4) Vinyl Chloride	2.443	62	396036	46.241	ug/l	98
5) Bromomethane	2.834	94	304277	39.864	ug/l	96
6) Chloroethane	3.009	64	296480	44.646	ug/l	99
7) Trichlorofluoromethane	3.368	101	712239	45.893	ug/l	99
8) Diethyl Ether	3.821	74	141197	47.880	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.200	101	224156	50.104	ug/l	94
10) Methyl Iodide	4.414	142	284423	48.751	ug/l	91
11) Tert butyl alcohol	5.385	59	200822	245.501	ug/l	# 87
12) 1,1-Dichloroethene	4.173	96	205363	50.219	ug/l	85
13) Acrolein	4.036	56	152060	273.915	ug/l	99
14) Allyl chloride	4.832	41	357974	51.545	ug/l	97
15) Acrylonitrile	5.554	53	605451	264.076	ug/l	99
16) Acetone	4.285	43	565011	253.633	ug/l	93
17) Carbon Disulfide	4.524	76	589711	49.723	ug/l	99
18) Methyl Acetate	4.854	43	273124	50.996	ug/l	94
19) Methyl tert-butyl Ether	5.618	73	811462	52.861	ug/l	99
20) Methylene Chloride	5.090	84	262420	51.022	ug/l	90
21) trans-1,2-Dichloroethene	5.589	96	240358	50.535	ug/l	89
22) Diisopropyl ether	6.498	45	825831	53.568	ug/l	97
23) Vinyl Acetate	6.434	43	3467262	238.501	ug/l	95
24) 1,1-Dichloroethane	6.383	63	450311	50.507	ug/l	99
25) 2-Butanone	7.337	43	844169	261.201	ug/l	92
26) 2,2-Dichloropropane	7.324	77	402968	51.677	ug/l	94
27) cis-1,2-Dichloroethene	7.324	96	289198	51.147	ug/l	85
28) Bromochloromethane	7.657	49	218603	51.407	ug/l	# 80
29) Tetrahydrofuran	7.686	42	548061	264.820	ug/l	93
30) Chloroform	7.817	83	492708	49.898	ug/l	100
31) Cyclohexane	8.094	56	421680	46.821	ug/l	94
32) 1,1,1-Trichloroethane	8.016	97	444247	52.085	ug/l	98
36) 1,1-Dichloropropene	8.220	75	366272	52.662	ug/l	96
37) Ethyl Acetate	7.415	43	348878	53.299	ug/l	98
38) Carbon Tetrachloride	8.204	117	381690	55.803	ug/l	99
39) Methylcyclohexane	9.462	83	419377	55.795	ug/l	92
40) Benzene	8.461	78	1104736	53.652	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080321\
 Data File : VN067975.D
 Acq On : 3 Aug 2021 10:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/5/2021 6:40:51 PM

Quant Time: Aug 04 03:36:08 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	177080	56.789	ug/l	91
42) 1,2-Dichloroethane	8.531	62	400498	52.661	ug/l	96
43) Isopropyl Acetate	8.563	43	606953	55.645	ug/l	95
44) Trichloroethene	9.215	130	284540	54.634	ug/l	86
45) 1,2-Dichloropropane	9.491	63	277449	54.080	ug/l	99
46) Dibromomethane	9.577	93	205791	55.482	ug/l	94
47) Bromodichloromethane	9.762	83	400417	56.643	ug/l	96
48) Methyl methacrylate	9.561	41	285729	52.422	ug/l	96
49) 1,4-Dioxane	9.572	88	96500	1112.248	ug/l	86
51) 4-Methyl-2-Pentanone	10.333	43	1907206	240.435	ug/l	95
52) Toluene	10.505	92	761981	56.952	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	445974	49.663	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	462000	49.665	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	289557	55.822	ug/l	97
56) Ethyl methacrylate	10.762	69	449260	48.282	ug/l	90
57) 1,3-Dichloropropane	11.047	76	477833	56.493	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	340453	193.165	ug/l	93
59) 2-Hexanone	11.087	43	1365001	241.423	ug/l	94
60) Dibromochloromethane	11.240	129	317226	49.036	ug/l	100
61) 1,2-Dibromoethane	11.347	107	308206	57.856	ug/l	100
64) Tetrachloroethene	10.980	164	293391	54.632	ug/l	95
65) Chlorobenzene	11.771	112	815559	53.476	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	309754	50.358	ug/l	98
67) Ethyl Benzene	11.846	91	1513580	55.732	ug/l	97
68) m/p-Xylenes	11.956	106	1173363	98.941	ug/l	86
69) o-Xylene	12.283	106	573516	57.442	ug/l	86
70) Styrene	12.296	104	965553	49.087	ug/l	93
71) Bromoform	12.460	173	228307	47.826	ug/l #	99
73) Isopropylbenzene	12.581	105	1493226	51.178	ug/l	97
74) N-amyl acetate	12.388	43	511478	50.434	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.827	83	421883	47.850	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	376049m	52.360	ug/l	
77) Bromobenzene	12.862	156	343228	51.234	ug/l	74
78) n-propylbenzene	12.921	91	1713511	52.041	ug/l	95
79) 2-Chlorotoluene	13.010	91	1011540	50.408	ug/l	89
80) 1,3,5-Trimethylbenzene	13.061	105	1245050	52.647	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.626	75	125522	48.609	ug/l	93
82) 4-Chlorotoluene	13.106	91	1021981	50.726	ug/l	90
83) tert-Butylbenzene	13.326	119	1026522	52.203	ug/l	88
84) 1,2,4-Trimethylbenzene	13.369	105	1247209	54.432	ug/l	93
85) sec-Butylbenzene	13.503	105	1471879	53.511	ug/l	96
86) p-Isopropyltoluene	13.619	119	1224607	55.960	ug/l	93
87) 1,3-Dichlorobenzene	13.616	146	648509	52.703	ug/l	94
88) 1,4-Dichlorobenzene	13.696	146	631638	51.981	ug/l	95
89) n-Butylbenzene	13.943	91	989945	52.755	ug/l	98
90) Hexachloroethane	14.211	117	211533	56.514	ug/l	100
91) 1,2-Dichlorobenzene	13.989	146	587015	50.663	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.603	75	68489	48.655	ug/l	68
93) 1,2,4-Trichlorobenzene	15.263	180	251134	48.448	ug/l	98
94) Hexachlorobutadiene	15.373	225	122856	51.027	ug/l	99
95) Naphthalene	15.507	128	676866	45.687	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	230753	47.111	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080321\
Data File : VN067975.D
Acq On : 3 Aug 2021 10:44
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
8/5/2021 6:40:51 PM

Quant Time: Aug 04 03:36:08 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

