

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062821\
 Data File : VN067526.D
 Acq On : 28 Jun 2021 12:13
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 6/29/2021 6:22:15 PM

Quant Time: Jun 28 13:38:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062821W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 28 13:37:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	239971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	449258	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	415822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	159555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	19544	4.268	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	8.540%#		
35) Dibromofluoromethane	8.024	113	14711	5.322	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	10.640%#		
50) Toluene-d8	10.443	98	60098	5.177	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	10.360%#		
62) 4-Bromofluorobenzene	12.734	95	19926	4.815	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	9.640%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	12682	3.391	ug/l	100
3) Chloromethane	2.301	50	17299	4.106	ug/l	91
4) Vinyl Chloride	2.443	62	23299	5.850	ug/l	97
5) Bromomethane	2.842	94	17712	7.487	ug/l	94
6) Chloroethane	3.009	64	17047	6.547	ug/l	92
7) Trichlorofluoromethane	3.368	101	42793	6.881	ug/l	98
8) Diethyl Ether	3.821	74	9635	4.123	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.197	101	13258	4.216	ug/l	97
10) Methyl Iodide	4.414	142	14039	4.001	ug/l #	87
11) Tert butyl alcohol	5.385	59	13507	18.137	ug/l #	81
12) 1,1-Dichloroethene	4.175	96	13281	4.299	ug/l #	78
13) Acrolein	4.036	56	10708	17.658	ug/l	99
14) Allyl chloride	4.832	41	21440	3.235	ug/l	95
15) Acrylonitrile	5.565	53	35107	17.738	ug/l	99
16) Acetone	4.296	43	32268	18.541	ug/l #	85
17) Carbon Disulfide	4.521	76	35760	3.594	ug/l	95
18) Methyl Acetate	4.865	43	17219m	3.536	ug/l	
19) Methyl tert-butyl Ether	5.618	73	49548	4.039	ug/l	100
20) Methylene Chloride	5.093	84	17343	4.156	ug/l	86
21) trans-1,2-Dichloroethene	5.586	96	14584	4.326	ug/l	90
22) Diisopropyl ether	6.498	45	46690	3.570	ug/l	97
23) Vinyl Acetate	6.436	43	190640	17.213	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	27379	3.805	ug/l	97
25) 2-Butanone	7.343	43	47530	17.595	ug/l	93
26) 2,2-Dichloropropane	7.321	77	25192	4.069	ug/l	94
27) cis-1,2-Dichloroethene	7.324	96	17835	4.475	ug/l	84
28) Bromochloromethane	7.657	49	12984	3.798	ug/l #	80
29) Tetrahydrofuran	7.691	42	30459	17.809	ug/l #	87
30) Chloroform	7.820	83	30513	4.374	ug/l	97
31) Cyclohexane	8.091	56	30487	4.208	ug/l #	83
32) 1,1,1-Trichloroethane	8.013	97	26870	4.546	ug/l	98
36) 1,1-Dichloropropene	8.222	75	21522	4.426	ug/l	96
37) Ethyl Acetate	7.421	43	18865	3.739	ug/l	95
38) Carbon Tetrachloride	8.206	117	22680	5.257	ug/l	98
39) Methylcyclohexane	9.459	83	26145	4.608	ug/l	93
40) Benzene	8.461	78	65800	4.574	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062821\
 Data File : VN067526.D
 Acq On : 28 Jun 2021 12:13
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 6/29/2021 6:22:15 PM

Quant Time: Jun 28 13:38:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062821W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 28 13:37:18 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	9677	3.774	ug/l #	77
42) 1,2-Dichloroethane	8.531	62	23435	4.527	ug/l	95
43) Isopropyl Acetate	8.563	43	33985	3.902	ug/l	93
44) Trichloroethene	9.217	130	16612	5.574	ug/l	86
45) 1,2-Dichloropropane	9.491	63	16531	4.264	ug/l	95
46) Dibromomethane	9.577	93	11561	4.791	ug/l	95
47) Bromodichloromethane	9.762	83	22427	4.558	ug/l	98
48) Methyl methacrylate	9.563	41	14405	3.820	ug/l #	87
49) 1,4-Dioxane	9.577	88	5901	104.707	ug/l	88
51) 4-Methyl-2-Pentanone	10.333	43	101766	19.975	ug/l	94
52) Toluene	10.507	92	42132	4.942	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	22795	4.189	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	24988	4.175	ug/l #	86
55) 1,1,2-Trichloroethane	10.902	97	16755	5.117	ug/l	92
56) Ethyl methacrylate	10.765	69	24145	4.198	ug/l	88
57) 1,3-Dichloropropane	11.047	76	27550	4.556	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	20802	16.307	ug/l	92
59) 2-Hexanone	11.089	43	70442	19.664	ug/l	91
60) Dibromochloromethane	11.242	129	15410	5.093	ug/l	100
61) 1,2-Dibromoethane	11.347	107	16438	5.110	ug/l	99
64) Tetrachloroethene	10.980	164	16007	5.805	ug/l	90
65) Chlorobenzene	11.773	112	45410	5.302	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	15585	5.383	ug/l	97
67) Ethyl Benzene	11.848	91	81214	4.727	ug/l	95
68) m/p-Xylenes	11.956	106	61325	10.284	ug/l	90
69) o-Xylene	12.283	106	30340	5.150	ug/l	89
70) Styrene	12.299	104	47654	4.954	ug/l	93
71) Bromoform	12.457	173	9389	4.822	ug/l #	99
73) Isopropylbenzene	12.581	105	77301	4.950	ug/l	97
74) N-amyl acetate	12.390	43	23868	3.323	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.827	83	22766	4.580	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	19484m	4.385	ug/l	
77) Bromobenzene	12.862	156	16463	5.556	ug/l	80
78) n-propylbenzene	12.924	91	86367	4.546	ug/l	98
79) 2-Chlorotoluene	13.010	91	53199	4.654	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	62594	4.899	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	5455	3.450	ug/l	96
82) 4-Chlorotoluene	13.106	91	51791	4.611	ug/l	95
83) tert-Butylbenzene	13.326	119	54351	5.311	ug/l	90
84) 1,2,4-Trimethylbenzene	13.369	105	61415	4.887	ug/l	96
85) sec-Butylbenzene	13.503	105	74861	4.952	ug/l	98
86) p-Isopropyltoluene	13.619	119	57729	5.051	ug/l	96
87) 1,3-Dichlorobenzene	13.619	146	30035	5.538	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	29498	5.462	ug/l	96
89) n-Butylbenzene	13.946	91	47200	4.262	ug/l	99
90) Hexachloroethane	14.211	117	9702	4.530	ug/l	97
91) 1,2-Dichlorobenzene	13.991	146	28718	5.463	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.603	75	3839	4.359	ug/l	88
93) 1,2,4-Trichlorobenzene	15.265	180	10468	4.473	ug/l	96
94) Hexachlorobutadiene	15.373	225	5581	4.740	ug/l	95
95) Naphthalene	15.509	128	29453	4.101	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	10238	4.730	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062821\
Data File : VN067526.D
Acq On : 28 Jun 2021 12:13
Operator : JC/MD
Sample : VSTDIC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
6/29/2021 6:22:15 PM

Quant Time: Jun 28 13:38:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062821W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 28 13:37:18 2021
Response via : Initial Calibration

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

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

