

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062221\
 Data File : VN067446.D
 Acq On : 22 Jun 2021 18:51
 Operator : JC/MD
 Sample : VN0622WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/23/2021 5:32:06 PM

Quant Time: Jun 23 04:06:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 05:19:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	243052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	539668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	490391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	191807	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	248339	51.794	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.580%			
35) Dibromofluoromethane	8.027	113	173355	48.299	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.600%			
50) Toluene-d8	10.443	98	695974	50.591	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.180%			
62) 4-Bromofluorobenzene	12.734	95	254649	44.854	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 89.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	77314	20.261	ug/l	96
3) Chloromethane	2.301	50	89424	24.235	ug/l	100
4) Vinyl Chloride	2.443	62	79494	21.975	ug/l	98
5) Bromomethane	2.856	94	44499	28.995	ug/l	92
6) Chloroethane	3.017	64	49560	22.302	ug/l	99
7) Trichlorofluoromethane	3.371	101	121538	24.206	ug/l	97
8) Diethyl Ether	3.824	74	53225	26.060	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.205	101	65909	21.824	ug/l	96
10) Methyl Iodide	4.414	142	63954	24.593	ug/l	93
11) Tert butyl alcohol	5.390	59	80377	101.831	ug/l #	88
12) 1,1-Dichloroethene	4.173	96	69892	23.977	ug/l	99
13) Acrolein	4.039	56	57707	117.126	ug/l	99
14) Allyl chloride	4.841	41	140876	21.781	ug/l	92
15) Acrylonitrile	5.562	53	240018	138.543	ug/l	96
16) Acetone	4.293	43	179499	97.554	ug/l	91
17) Carbon Disulfide	4.527	76	205439	21.820	ug/l	97
18) Methyl Acetate	4.865	43	107489	24.092	ug/l	97
19) Methyl tert-butyl Ether	5.621	73	277583	23.723	ug/l	99
20) Methylene Chloride	5.093	84	90503	23.640	ug/l	94
21) trans-1,2-Dichloroethene	5.597	96	73866	22.866	ug/l	96
22) Diisopropyl ether	6.501	45	300860	25.200	ug/l	97
23) Vinyl Acetate	6.436	43	128879	117.818	ug/l	98
24) 1,1-Dichloroethane	6.385	63	163084	24.351	ug/l	99
25) 2-Butanone	7.343	43	308803	117.450	ug/l	100
26) 2,2-Dichloropropane	7.324	77	121981	17.969	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	89859	23.640	ug/l	95
28) Bromochloromethane	7.659	49	72081	23.126	ug/l	92
29) Tetrahydrofuran	7.691	42	198589	119.799	ug/l	94
30) Chloroform	7.820	83	154271	21.940	ug/l	98
31) Cyclohexane	8.094	56	152191	23.349	ug/l	98
32) 1,1,1-Trichloroethane	8.019	97	127359	19.719	ug/l	98
36) 1,1-Dichloropropene	8.223	75	117502	19.421	ug/l	98
37) Ethyl Acetate	7.421	43	131323	20.487	ug/l	98
38) Carbon Tetrachloride	8.209	117	98651	15.170	ug/l	99
39) Methylcyclohexane	9.462	83	130677	20.408	ug/l	96
40) Benzene	8.461	78	361738	21.422	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.641	41	67051	20.123	ug/l	95
42) 1,2-Dichloroethane	8.534	62	122075	17.108	ug/l	96
43) Isopropyl Acetate	8.566	43	223229	19.403	ug/l	97
44) Trichloroethene	9.220	130	70786	17.925	ug/l	95
45) 1,2-Dichloropropane	9.494	63	100577	22.331	ug/l	99
46) Dibromomethane	9.580	93	60073	19.605	ug/l	94
47) Bromodichloromethane	9.765	83	120953	17.597	ug/l	100
48) Methyl methacrylate	9.564	41	95032	18.115	ug/l	94
49) 1,4-Dioxane	9.577	88	29466	410.400	ug/l	95
51) 4-Methyl-2-Pentanone	10.333	43	683143	103.134	ug/l	98
52) Toluene	10.508	92	214501	20.200	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	137533	18.070	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	150707	19.591	ug/l	90
55) 1,1,2-Trichloroethane	10.902	97	82853	20.181	ug/l	96
56) Ethyl methacrylate	10.765	69	149614	20.270	ug/l	92
57) 1,3-Dichloropropane	11.047	76	154582	20.613	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	196977	91.701	ug/l	95
59) 2-Hexanone	11.090	43	488242	100.610	ug/l	96
60) Dibromochloromethane	11.240	129	75092	16.728	ug/l	99
61) 1,2-Dibromoethane	11.350	107	81103	18.869	ug/l	100
64) Tetrachloroethene	10.980	164	60992	17.517	ug/l	97
65) Chlorobenzene	11.773	112	207650	19.459	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.846	131	69845	17.576	ug/l	96
67) Ethyl Benzene	11.849	91	415167	19.674	ug/l	100
68) m/p-Xylenes	11.956	106	289127	38.542	ug/l	97
69) o-Xylene	12.283	106	145660	19.852	ug/l	97
70) Styrene	12.296	104	235769	19.332	ug/l	98
71) Bromoform	12.460	173	46253	15.233	ug/l #	99
73) Isopropylbenzene	12.581	105	376827	20.474	ug/l	98
74) N-amyl acetate	12.390	43	191918	21.359	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.830	83	134311	24.478	ug/l	97
76) 1,2,3-Trichloropropane	12.881	75	111443m	22.374	ug/l	
77) Bromobenzene	12.865	156	70681	18.858	ug/l	88
78) n-propylbenzene	12.924	91	456635	20.860	ug/l	98
79) 2-Chlorotoluene	13.010	91	273352	20.054	ug/l	99
80) 1,3,5-Trimethylbenzene	13.063	105	310743	20.043	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.629	75	38853	19.332	ug/l	91
82) 4-Chlorotoluene	13.106	91	270366	19.921	ug/l	98
83) tert-Butylbenzene	13.326	119	253986	20.574	ug/l	96
84) 1,2,4-Trimethylbenzene	13.372	105	302374	19.741	ug/l	98
85) sec-Butylbenzene	13.503	105	369719	21.153	ug/l	98
86) p-Isopropyltoluene	13.619	119	277103	19.643	ug/l	98
87) 1,3-Dichlorobenzene	13.619	146	127107	18.800	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	128206	18.853	ug/l	99
89) n-Butylbenzene	13.943	91	267844	20.207	ug/l	98
90) Hexachloroethane	14.214	117	53326	19.330	ug/l	90
91) 1,2-Dichlorobenzene	13.991	146	127483	19.873	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.606	75	23060	16.811	ug/l	97
93) 1,2,4-Trichlorobenzene	15.268	180	54057	16.140	ug/l	99
94) Hexachlorobutadiene	15.373	225	27029	14.053	ug/l	99
95) Naphthalene	15.509	128	186738	17.800	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	54974	17.097	ug/l	97

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

