

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111621\
 Data File : VN069514.D
 Acq On : 16 Nov 2021 17:41
 Operator : JC/MD
 Sample : VN1116WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/17/2021
 Supervised By : Mahesh Dadoda 11/18/2021

Quant Time: Nov 17 00:57:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1086138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1839133	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1668465	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	696896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	803929	51.048	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.100%			
35) Dibromofluoromethane	8.021	113	564996	51.222	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.440%			
50) Toluene-d8	10.440	98	2182572	50.310	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.620%			
62) 4-Bromofluorobenzene	12.731	95	756528	47.470	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.940%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	206897	17.830	ug/l	99
3) Chloromethane	2.303	50	230893	17.158	ug/l	98
4) Vinyl Chloride	2.445	62	233626	17.338	ug/l	100
5) Bromomethane	2.858	94	147059	16.805	ug/l	99
6) Chloroethane	3.022	64	154394	16.976	ug/l	97
7) Trichlorofluoromethane	3.376	101	357074	17.146	ug/l	96
8) Diethyl Ether	3.821	74	124661	18.502	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.210	101	182470	18.601	ug/l	95
10) Methyl Iodide	4.417	142	217631	18.088	ug/l	97
11) Tert butyl alcohol	5.380	59	254469	89.671	ug/l #	84
12) 1,1-Dichloroethene	4.178	96	157930	17.940	ug/l	89
13) Acrolein	4.041	56	27596	63.746	ug/l	94
14) Allyl chloride	4.840	41	344610	17.706	ug/l	95
15) Acrylonitrile	5.557	53	709401	97.618	ug/l	99
16) Acetone	4.291	43	757452	89.144	ug/l	98
17) Carbon Disulfide	4.524	76	291192	13.994	ug/l	97
18) Methyl Acetate	4.857	43	515600	18.667	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	717700	19.264	ug/l	97
20) Methylene Chloride	5.095	84	215973	17.925	ug/l #	86
21) trans-1,2-Dichloroethene	5.597	96	178167	18.120	ug/l	89
22) Diisopropyl ether	6.498	45	817272	19.494	ug/l	96
23) Vinyl Acetate	6.434	43	3071438	94.720	ug/l	95
24) 1,1-Dichloroethane	6.388	63	408388	19.124	ug/l	99
25) 2-Butanone	7.337	43	1080394	93.902	ug/l	92
26) 2,2-Dichloropropane	7.327	77	290861	17.409	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	234702	19.256	ug/l	89
28) Bromochloromethane	7.659	49	218867	20.014	ug/l #	81
29) Tetrahydrofuran	7.686	42	700702	99.240	ug/l	90
30) Chloroform	7.817	83	424185	19.376	ug/l	100
31) Cyclohexane	8.094	56	378130	17.575	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	341503	18.688	ug/l	96
36) 1,1-Dichloropropene	8.220	75	282650	18.265	ug/l	96
37) Ethyl Acetate	7.415	43	421006	20.125	ug/l	95
38) Carbon Tetrachloride	8.206	117	267531	17.907	ug/l	97
39) Methylcyclohexane	9.461	83	330749	17.181	ug/l	92
40) Benzene	8.461	78	909879	19.049	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	207104	19.160	ug/l	90
42) 1,2-Dichloroethane	8.531	62	370239	19.795	ug/l	97
43) Isopropyl Acetate	8.563	43	651797	19.398	ug/l	94
44) Trichloroethene	9.217	130	213129	18.643	ug/l	93
45) 1,2-Dichloropropane	9.488	63	253052	19.829	ug/l	99
46) Dibromomethane	9.577	93	161369	18.878	ug/l	92
47) Bromodichloromethane	9.762	83	295574	18.530	ug/l	95
48) Methyl methacrylate	9.561	41	295751	18.709	ug/l	88
49) 1,4-Dioxane	9.569	88	105823	363.651	ug/l #	85
51) 4-Methyl-2-Pentanone	10.330	43	2155949	99.406	ug/l	95
52) Toluene	10.505	92	568257	19.096	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	290937	16.689	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	330348	17.163	ug/l #	88
55) 1,1,2-Trichloroethane	10.899	97	236736	19.735	ug/l	99
56) Ethyl methacrylate	10.762	69	380799	18.206	ug/l	88
57) 1,3-Dichloropropane	11.044	76	401493	19.047	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	424620	89.168	ug/l	92
59) 2-Hexanone	11.084	43	1539214	89.325	ug/l	93
60) Dibromochloromethane	11.240	129	201900	17.011	ug/l	99
61) 1,2-Dibromoethane	11.344	107	231494	17.990	ug/l	99
64) Tetrachloroethene	10.977	164	195218	19.378	ug/l	95
65) Chlorobenzene	11.771	112	610885	19.671	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	212057	19.686	ug/l	98
67) Ethyl Benzene	11.846	91	1105292	19.297	ug/l	96
68) m/p-Xylenes	11.953	106	806363	38.278	ug/l	94
69) o-Xylene	12.280	106	403676	19.222	ug/l	92
70) Styrene	12.294	104	652372	18.296	ug/l	96
71) Bromoform	12.457	173	133927	16.765	ug/l #	99
73) Isopropylbenzene	12.578	105	1065020	19.194	ug/l	99
74) N-amyl acetate	12.388	43	444010	18.882	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	373470	19.956	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	318122m	19.780	ug/l	
77) Bromobenzene	12.860	156	246445	19.420	ug/l	81
78) n-propylbenzene	12.921	91	1177938	18.866	ug/l	96
79) 2-Chlorotoluene	13.007	91	737276	19.072	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	868879	19.370	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	70390	17.307	ug/l #	77
82) 4-Chlorotoluene	13.106	91	688875	18.693	ug/l	93
83) tert-Butylbenzene	13.324	119	777072	19.768	ug/l	95
84) 1,2,4-Trimethylbenzene	13.369	105	844803	19.508	ug/l	97
85) sec-Butylbenzene	13.501	105	1042565	18.986	ug/l	97
86) p-Isopropyltoluene	13.616	119	820800	18.830	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	414391	18.835	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	398524	18.464	ug/l	97
89) n-Butylbenzene	13.943	91	629057	17.305	ug/l	98
90) Hexachloroethane	14.211	117	126039	17.212	ug/l	85
91) 1,2-Dichlorobenzene	13.989	146	409564	19.563	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	58513	18.010	ug/l	78
93) 1,2,4-Trichlorobenzene	15.265	180	160701	16.851	ug/l	99
94) Hexachlorobutadiene	15.370	225	102707	18.881	ug/l	99
95) Naphthalene	15.507	128	418736	16.781	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	160958	17.541	ug/l	97

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

