

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111821\
 Data File : VN069567.D
 Acq On : 18 Nov 2021 21:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/19/2021
 Supervised By : Semsettin Yesilyurt 11/19/2021

Quant Time: Nov 19 03:21:37 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	1030140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1742949	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1650864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	719611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	759963	50.880	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.760%			
35) Dibromofluoromethane	8.024	113	534353	51.117	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.240%			
50) Toluene-d8	10.443	98	2067144	50.279	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.560%			
62) 4-Bromofluorobenzene	12.731	95	785156	51.985	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	528477	48.019	ug/l	99
3) Chloromethane	2.301	50	580643	45.493	ug/l	99
4) Vinyl Chloride	2.446	62	578181	45.242	ug/l	100
5) Bromomethane	2.829	94	438658	52.851	ug/l	96
6) Chloroethane	3.003	64	378481	43.876	ug/l	99
7) Trichlorofluoromethane	3.365	101	855112	43.294	ug/l	98
8) Diethyl Ether	3.821	74	329801	51.609	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.200	101	467433	50.240	ug/l	95
10) Methyl Iodide	4.417	142	616011	53.981	ug/l	99
11) Tert butyl alcohol	5.390	59	732263	272.066	ug/l #	84
12) 1,1-Dichloroethene	4.173	96	424981	50.900	ug/l	90
13) Acrolein	4.039	56	137344	363.350	ug/l	98
14) Allyl chloride	4.835	41	947613	51.335	ug/l	94
15) Acrylonitrile	5.557	53	1976537	286.768	ug/l	99
16) Acetone	4.288	43	1829493	227.016	ug/l	98
17) Carbon Disulfide	4.521	76	799289	40.499	ug/l	98
18) Methyl Acetate	4.857	43	1405233	53.641	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	1931889	54.674	ug/l	97
20) Methylene Chloride	5.090	84	565832	49.514	ug/l	87
21) trans-1,2-Dichloroethene	5.591	96	465525	49.919	ug/l	89
22) Diisopropyl ether	6.498	45	2176860	54.745	ug/l	96
23) Vinyl Acetate	6.434	43	8462996	275.177	ug/l	95
24) 1,1-Dichloroethane	6.385	63	1060395	52.356	ug/l	98
25) 2-Butanone	7.337	43	2930501	268.549	ug/l	93
26) 2,2-Dichloropropane	7.327	77	700050	44.177	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	619786	53.613	ug/l	91
28) Bromochloromethane	7.659	49	583365	56.245	ug/l #	82
29) Tetrahydrofuran	7.686	42	1909508	285.143	ug/l	90
30) Chloroform	7.817	83	1104947	53.216	ug/l	99
31) Cyclohexane	8.094	56	913137	44.748	ug/l	92
32) 1,1,1-Trichloroethane	8.013	97	916912	52.905	ug/l	96
36) 1,1-Dichloropropene	8.222	75	734766	50.101	ug/l	97
37) Ethyl Acetate	7.415	43	1146092	57.810	ug/l	96
38) Carbon Tetrachloride	8.209	117	744327	52.569	ug/l	99
39) Methylcyclohexane	9.462	83	848840	46.527	ug/l	92
40) Benzene	8.461	78	2315148	51.143	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.641	41	574616	56.094	ug/l	90
42) 1,2-Dichloroethane	8.531	62	951128	53.660	ug/l	97
43) Isopropyl Acetate	8.563	43	1787931	56.148	ug/l	94
44) Trichloroethene	9.217	130	566306	52.271	ug/l	92
45) 1,2-Dichloropropane	9.491	63	649831	53.730	ug/l	100
46) Dibromomethane	9.580	93	422097	52.105	ug/l	94
47) Bromodichloromethane	9.762	83	839388	55.527	ug/l	98
48) Methyl methacrylate	9.561	41	820722	54.782	ug/l	91
49) 1,4-Dioxane	9.572	88	302846	1019.243	ug/l	86
51) 4-Methyl-2-Pentanone	10.333	43	6077046	295.663	ug/l	96
52) Toluene	10.505	92	1468105	52.058	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	857551	46.342	ug/l	96
54) cis-1,3-Dichloropropene	10.191	75	930629	47.601	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	638082	56.129	ug/l	99
56) Ethyl methacrylate	10.762	69	1080564	50.420	ug/l	87
57) 1,3-Dichloropropane	11.044	76	1084347	54.281	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	1166153	215.184	ug/l	93
59) 2-Hexanone	11.087	43	4460856	256.819	ug/l	94
60) Dibromochloromethane	11.240	129	612735	49.151	ug/l	99
61) 1,2-Dibromoethane	11.347	107	644192	50.752	ug/l	100
64) Tetrachloroethene	10.977	164	508089	50.971	ug/l	96
65) Chlorobenzene	11.771	112	1615478	52.573	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	597603	56.070	ug/l	100
67) Ethyl Benzene	11.846	91	2970694	52.418	ug/l	96
68) m/p-Xylenes	11.956	106	2185166	104.837	ug/l	94
69) o-Xylene	12.280	106	1118450	53.825	ug/l	94
70) Styrene	12.296	104	1840970	49.364	ug/l	96
71) Bromoform	12.460	173	444451	48.161	ug/l #	99
73) Isopropylbenzene	12.581	105	2958436	51.634	ug/l	99
74) N-amyl acetate	12.390	43	1379972	56.832	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	1049530	54.311	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	878519m	52.901	ug/l	
77) Bromobenzene	12.862	156	691757	52.791	ug/l	80
78) n-propylbenzene	12.921	91	3329190	51.639	ug/l	97
79) 2-Chlorotoluene	13.010	91	2070666	51.873	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	2420348	52.254	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	253626	45.986	ug/l	92
82) 4-Chlorotoluene	13.106	91	1971261	51.803	ug/l	93
83) tert-Butylbenzene	13.324	119	2189845	53.950	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	2351934	52.597	ug/l	98
85) sec-Butylbenzene	13.503	105	2994305	52.808	ug/l	98
86) p-Isopropyltoluene	13.616	119	2368304	52.615	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1186960	52.247	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	1140248	51.162	ug/l	98
89) n-Butylbenzene	13.943	91	1915105	51.020	ug/l	98
90) Hexachloroethane	14.214	117	404141	48.897	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	1161976	53.751	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.606	75	189159	52.554	ug/l	81
93) 1,2,4-Trichlorobenzene	15.265	180	539973	47.816	ug/l	98
94) Hexachlorobutadiene	15.373	225	292955	52.155	ug/l	98
95) Naphthalene	15.507	128	1673806	52.183	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	555426	51.198	ug/l	98

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

