

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111521\
 Data File : VN069483.D
 Acq On : 15 Nov 2021 10:29
 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

Reviewed By : John Carlone 11/16/2021
 Supervised By : Mahesh Dadoda 11/18/2021

Quant Time: Nov 16 00:46:40 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	8.083	168	1154966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1889212	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1798026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	806232	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	863298	51.551	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.100%			
35) Dibromofluoromethane	8.019	113	612293	54.038	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.080%			
50) Toluene-d8	10.440	98	2408127	54.038	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.080%			
62) 4-Bromofluorobenzene	12.731	95	913807	55.819	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 111.640%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	630436	51.093	ug/l	99
3) Chloromethane	2.303	50	656426	45.872	ug/l	99
4) Vinyl Chloride	2.448	62	683715	47.718	ug/l	98
5) Bromomethane	2.845	94	390978	42.015	ug/l	98
6) Chloroethane	3.017	64	428005	44.255	ug/l	97
7) Trichlorofluoromethane	3.376	101	1024051	46.244	ug/l	99
8) Diethyl Ether	3.821	74	357010	49.829	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.207	101	542838	52.039	ug/l	94
10) Methyl Iodide	4.417	142	662410	51.774	ug/l	97
11) Tert butyl alcohol	5.374	59	658718	218.290	ug/l	100
12) 1,1-Dichloroethene	4.178	96	470786	50.292	ug/l	88
13) Acrolein	4.041	56	105027	245.665	ug/l	100
14) Allyl chloride	4.840	41	1063647	51.393	ug/l	96
15) Acrylonitrile	5.551	53	1927240	249.396	ug/l	99
16) Acetone	4.285	43	2367097	261.980	ug/l	97
17) Carbon Disulfide	4.527	76	1069254	48.322	ug/l	99
18) Methyl Acetate	4.854	43	1374724	46.805	ug/l	93
19) Methyl tert-butyl Ether	5.615	73	2086561	52.669	ug/l	97
20) Methylene Chloride	5.093	84	616338	48.105	ug/l	87
21) trans-1,2-Dichloroethene	5.594	96	533911	51.065	ug/l	87
22) Diisopropyl ether	6.493	45	2385411	53.506	ug/l	96
23) Vinyl Acetate	6.431	43	9162945	265.736	ug/l	95
24) 1,1-Dichloroethane	6.385	63	1185741	52.218	ug/l	99
25) 2-Butanone	7.335	43	3119911	255.006	ug/l	93
26) 2,2-Dichloropropane	7.324	77	983295	55.345	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	683382	52.726	ug/l	88
28) Bromochloromethane	7.656	49	610356	52.487	ug/l #	81
29) Tetrahydrofuran	7.683	42	1848300	246.174	ug/l	90
30) Chloroform	7.815	83	1227315	52.721	ug/l	100
31) Cyclohexane	8.094	56	1092534	47.753	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	1042409	53.645	ug/l	97
36) 1,1-Dichloropropene	8.220	75	867241	54.556	ug/l	97
37) Ethyl Acetate	7.410	43	1132480	52.701	ug/l	95
38) Carbon Tetrachloride	8.204	117	857765	55.891	ug/l	99
39) Methylcyclohexane	9.459	83	1065457	53.879	ug/l	92
40) Benzene	8.458	78	2620307	53.403	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	561776	50.595	ug/l	91
42) 1,2-Dichloroethane	8.528	62	1031094	53.667	ug/l	98
43) Isopropyl Acetate	8.560	43	1832358	53.088	ug/l	95
44) Trichloroethene	9.215	130	645414	54.961	ug/l	91
45) 1,2-Dichloropropane	9.488	63	727551	55.498	ug/l	99
46) Dibromomethane	9.577	93	469779	53.501	ug/l	92
47) Bromodichloromethane	9.762	83	948807	57.906	ug/l	99
48) Methyl methacrylate	9.558	41	840352	51.750	ug/l	91
49) 1,4-Dioxane	9.566	88	287913	898.767	ug/l	90
51) 4-Methyl-2-Pentanone	10.330	43	5971450	268.033	ug/l	96
52) Toluene	10.505	92	1665606	54.488	ug/l	99
53) t-1,3-Dichloropropene	10.717	75	1013697	50.300	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	1091272	51.355	ug/l	90
55) 1,1,2-Trichloroethane	10.896	97	683496	55.469	ug/l	98
56) Ethyl methacrylate	10.760	69	1134445	48.900	ug/l	86
57) 1,3-Dichloropropane	11.044	76	1180553	54.522	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	1153153	198.308	ug/l	93
59) 2-Hexanone	11.084	43	4468489	237.944	ug/l	94
60) Dibromochloromethane	11.237	129	688808	50.885	ug/l	99
61) 1,2-Dibromoethane	11.344	107	691943	50.303	ug/l	99
64) Tetrachloroethene	10.977	164	597353	55.022	ug/l	95
65) Chlorobenzene	11.768	112	1809840	54.078	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	660976	56.940	ug/l	100
67) Ethyl Benzene	11.843	91	3402781	55.128	ug/l	96
68) m/p-Xylenes	11.953	106	2509246	110.532	ug/l	94
69) o-Xylene	12.280	106	1249975	55.231	ug/l	93
70) Styrene	12.294	104	2070832	50.933	ug/l	96
71) Bromoform	12.457	173	497722	49.422	ug/l #	100
73) Isopropylbenzene	12.578	105	3367795	52.464	ug/l	98
74) N-amyl acetate	12.387	43	1399075	51.428	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	1069080	49.379	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	922279m	49.569	ug/l	
77) Bromobenzene	12.860	156	763447	52.002	ug/l	81
78) n-propylbenzene	12.919	91	3922504	54.305	ug/l	96
79) 2-Chlorotoluene	13.007	91	2330255	52.104	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	2771809	53.412	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	297867	47.926	ug/l	96
82) 4-Chlorotoluene	13.104	91	2296326	53.862	ug/l	93
83) tert-Butylbenzene	13.323	119	2463415	54.169	ug/l	95
84) 1,2,4-Trimethylbenzene	13.369	105	2720581	54.304	ug/l	98
85) sec-Butylbenzene	13.501	105	3507033	55.206	ug/l	97
86) p-Isopropyltoluene	13.616	119	2809415	55.709	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	1374731	54.010	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1323514	53.004	ug/l	98
89) n-Butylbenzene	13.943	91	2379532	56.582	ug/l	98
90) Hexachloroethane	14.211	117	470787	50.755	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	1308059	54.007	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	189937	47.287	ug/l	81
93) 1,2,4-Trichlorobenzene	15.263	180	605477	47.854	ug/l	98
94) Hexachlorobutadiene	15.370	225	367665	58.423	ug/l	99
95) Naphthalene	15.504	128	1477587	42.060	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	575243	47.567	ug/l	98

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

