

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110221\
 Data File : VN069337.D
 Acq On : 2 Nov 2021 9:28
 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 11/03/2021
 Supervised By : Mahesh Dadoda 11/03/2021

Quant Time: Nov 03 01:14:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.085	168	255334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	423381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	397848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	188158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	182058	49.394	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.780%		
35) Dibromofluoromethane	8.024	113	137806	52.215	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	104.420%		
50) Toluene-d8	10.440	98	547329	51.868	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.740%		
62) 4-Bromofluorobenzene	12.731	95	209290	52.559	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	105.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	141815	47.440	ug/l	100
3) Chloromethane	2.303	50	138396	45.277	ug/l	100
4) Vinyl Chloride	2.448	62	167204	45.253	ug/l	100
5) Bromomethane	2.858	94	111483	51.930	ug/l	99
6) Chloroethane	3.022	64	110743	49.774	ug/l	98
7) Trichlorofluoromethane	3.376	101	273297	60.350	ug/l	98
8) Diethyl Ether	3.821	74	79383	49.279	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.207	101	126979	52.861	ug/l	99
10) Methyl Iodide	4.419	142	142513	41.034	ug/l	97
11) Tert butyl alcohol	5.371	59	128776	183.498	ug/l	100
12) 1,1-Dichloroethene	4.178	96	115711	50.383	ug/l	97
13) Acrolein	4.041	56	28547	175.876	ug/l	98
14) Allyl chloride	4.838	41	194536	47.882	ug/l	95
15) Acrylonitrile	5.554	53	362074	232.882	ug/l	98
16) Acetone	4.285	43	434913	276.945	ug/l	99
17) Carbon Disulfide	4.529	76	279558	45.713	ug/l	99
18) Methyl Acetate	4.856	43	247330	46.346	ug/l	99
19) Methyl tert-butyl Ether	5.618	73	438636	48.543	ug/l	100
20) Methylene Chloride	5.095	84	137105	45.517	ug/l	98
21) trans-1,2-Dichloroethene	5.594	96	126521	48.788	ug/l	99
22) Diisopropyl ether	6.498	45	426804	45.197	ug/l	99
23) Vinyl Acetate	6.433	43	1655244	221.086	ug/l	99
24) 1,1-Dichloroethane	6.388	63	244638	50.381	ug/l	99
25) 2-Butanone	7.337	43	549312	228.379	ug/l	98
26) 2,2-Dichloropropane	7.327	77	218846	45.967	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	153075	49.957	ug/l	100
28) Bromochloromethane	7.656	49	149594	61.489	ug/l	96
29) Tetrahydrofuran	7.686	42	323289	209.469	ug/l	96
30) Chloroform	7.817	83	266630	50.512	ug/l	99
31) Cyclohexane	8.094	56	232236	47.078	ug/l	96
32) 1,1,1-Trichloroethane	8.016	97	238738	46.272	ug/l	98
36) 1,1-Dichloropropene	8.222	75	198386	54.352	ug/l	99
37) Ethyl Acetate	7.415	43	205256	49.348	ug/l	99
38) Carbon Tetrachloride	8.206	117	198970	47.835	ug/l	99
39) Methylcyclohexane	9.459	83	250837	55.502	ug/l	96
40) Benzene	8.461	78	576859	52.544	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	98101	47.841	ug/l	94
42) 1,2-Dichloroethane	8.531	62	214029	51.804	ug/l	100
43) Isopropyl Acetate	8.560	43	332393	45.861	ug/l	98
44) Trichloroethene	9.217	130	147106	53.212	ug/l	99
45) 1,2-Dichloropropane	9.491	63	149772	53.585	ug/l	99
46) Dibromomethane	9.577	93	105858	53.306	ug/l	99
47) Bromodichloromethane	9.762	83	207083	48.727	ug/l	100
48) Methyl methacrylate	9.561	41	146650	46.715	ug/l	90
49) 1,4-Dioxane	9.569	88	56837	756.296	ug/l	95
51) 4-Methyl-2-Pentanone	10.330	43	1047478	222.564	ug/l	99
52) Toluene	10.505	92	377794	52.471	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	223023	46.377	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	238126	47.626	ug/l	100
55) 1,1,2-Trichloroethane	10.899	97	147165	50.948	ug/l	98
56) Ethyl methacrylate	10.759	69	237788	44.981	ug/l	98
57) 1,3-Dichloropropane	11.044	76	251893	52.275	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	311230	213.455	ug/l	100
59) 2-Hexanone	11.084	43	806877	224.334	ug/l	99
60) Dibromochloromethane	11.239	129	152438	46.497	ug/l	100
61) 1,2-Dibromoethane	11.347	107	157382	47.750	ug/l	100
64) Tetrachloroethene	10.977	164	132017	51.950	ug/l	97
65) Chlorobenzene	11.771	112	407577	52.057	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	148121	48.968	ug/l	99
67) Ethyl Benzene	11.846	91	757212	53.088	ug/l	100
68) m/p-Xylenes	11.953	106	577127	108.624	ug/l	100
69) o-Xylene	12.280	106	281406	52.626	ug/l	99
70) Styrene	12.294	104	468103	48.220	ug/l	99
71) Bromoform	12.460	173	107590	43.991	ug/l #	100
73) Isopropylbenzene	12.578	105	759054	47.993	ug/l	99
74) N-amyl acetate	12.387	43	274157	44.002	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.827	83	228732	45.304	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	212456m	42.931	ug/l	
77) Bromobenzene	12.859	156	171385	46.192	ug/l	98
78) n-propylbenzene	12.921	91	895392	50.014	ug/l	100
79) 2-Chlorotoluene	13.007	91	530250	47.028	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	643388	49.001	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.626	75	66381	40.380	ug/l	90
82) 4-Chlorotoluene	13.106	91	532839	47.915	ug/l	100
83) tert-Butylbenzene	13.323	119	553756	48.339	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	629825	49.044	ug/l	99
85) sec-Butylbenzene	13.500	105	798187	50.289	ug/l	100
86) p-Isopropyltoluene	13.616	119	656012	51.825	ug/l	100
87) 1,3-Dichlorobenzene	13.616	146	318275	49.031	ug/l	99
88) 1,4-Dichlorobenzene	13.693	146	308868	49.004	ug/l	99
89) n-Butylbenzene	13.943	91	571586	53.321	ug/l	99
90) Hexachloroethane	14.211	117	106429	42.760	ug/l	99
91) 1,2-Dichlorobenzene	13.989	146	303367	47.970	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.603	75	43998	42.294	ug/l	97
93) 1,2,4-Trichlorobenzene	15.262	180	149250	48.899	ug/l	99
94) Hexachlorobutadiene	15.370	225	85366	54.854	ug/l	99
95) Naphthalene	15.507	128	385231	41.567	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	141802	47.619	ug/l	99

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

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