

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121522\
 Data File : VN075833.D
 Acq On : 15 Dec 2022 21:23
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/16/2022
 Supervised By : Mahesh Dadoda 12/16/2022

Quant Time: Dec 16 03:14:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	323054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	520289	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	469415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	232459	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	184760	52.570	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.140%			
35) Dibromofluoromethane	8.171	113	168527	52.304	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.600%			
50) Toluene-d8	10.570	98	646085	53.630	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.260%			
62) 4-Bromofluorobenzene	12.853	95	221595	55.536	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	104183	45.420	ug/l	99
3) Chloromethane	2.377	50	122271	42.868	ug/l	95
4) Vinyl Chloride	2.524	62	152515	44.826	ug/l	96
5) Bromomethane	2.953	94	127749	44.180	ug/l	98
6) Chloroethane	3.124	64	113702	45.128	ug/l	96
7) Trichlorofluoromethane	3.512	101	233082	45.147	ug/l	95
8) Diethyl Ether	3.971	74	89870	47.660	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	138517	46.987	ug/l	98
10) Methyl Iodide	4.600	142	220697	46.129	ug/l	100
11) Tert butyl alcohol	5.536	59	113797	228.829	ug/l	100
12) 1,1-Dichloroethene	4.353	96	132609	46.315	ug/l	96
13) Acrolein	4.194	56	177649	291.383	ug/l	98
14) Allyl chloride	5.036	41	154152	46.056	ug/l	90
15) Acrylonitrile	5.736	53	334025	246.130	ug/l	99
16) Acetone	4.441	43	243422	200.922	ug/l	99
17) Carbon Disulfide	4.724	76	313002	45.151	ug/l	98
18) Methyl Acetate	5.041	43	170481	47.605	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	470691	49.921	ug/l	99
20) Methylene Chloride	5.288	84	152700	47.079	ug/l	97
21) trans-1,2-Dichloroethene	5.794	96	143917	45.897	ug/l	94
22) Diisopropyl ether	6.683	45	404983	49.808	ug/l	98
23) Vinyl Acetate	6.612	43	1368711	250.099	ug/l	100
24) 1,1-Dichloroethane	6.583	63	254285	46.893	ug/l	99
25) 2-Butanone	7.488	43	406375	239.557	ug/l	96
26) 2,2-Dichloropropane	7.500	77	207549	45.196	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	179447	47.850	ug/l	98
28) Bromochloromethane	7.818	49	105242	44.280	ug/l	97
29) Tetrahydrofuran	7.847	42	267883	251.992	ug/l	99
30) Chloroform	7.971	83	280677	45.972	ug/l	95
31) Cyclohexane	8.265	56	229515	45.598	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	258865	47.825	ug/l	100
36) 1,1-Dichloropropene	8.377	75	205694	48.057	ug/l	100
37) Ethyl Acetate	7.571	43	171447	49.868	ug/l	97
38) Carbon Tetrachloride	8.365	117	227760	47.544	ug/l	99
39) Methylcyclohexane	9.606	83	263424	51.014	ug/l	97
40) Benzene	8.612	78	620091	46.955	ug/l	98

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41) Methacrylonitrile	7.788	41	90767	50.791	ug/l	98
42) 1,2-Dichloroethane	8.677	62	206763	47.094	ug/l	99
43) Isopropyl Acetate	8.694	43	291172	51.341	ug/l	99
44) Trichloroethene	9.359	130	171080	45.985	ug/l	94
45) 1,2-Dichloropropane	9.623	63	151162	47.038	ug/l	97
46) Dibromomethane	9.712	93	112875	47.356	ug/l	98
47) Bromodichloromethane	9.894	83	224172	47.960	ug/l	99
48) Methyl methacrylate	9.682	41	137005	53.636	ug/l	100
49) 1,4-Dioxane	9.700	88	59554	948.368	ug/l	100
51) 4-Methyl-2-Pentanone	10.447	43	891023	259.790	ug/l	100
52) Toluene	10.635	92	416323	48.406	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	230278	50.328	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	252629	50.288	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	162888	48.252	ug/l	95
56) Ethyl methacrylate	10.876	69	242294	54.035	ug/l	98
57) 1,3-Dichloropropane	11.165	76	268283	48.450	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	478941	335.482	ug/l	99
59) 2-Hexanone	11.200	43	650707	260.155	ug/l	99
60) Dibromochloromethane	11.365	129	182426	48.592	ug/l	99
61) 1,2-Dibromoethane	11.470	107	169888	49.730	ug/l	100
64) Tetrachloroethene	11.106	164	148032	44.815	ug/l	99
65) Chlorobenzene	11.894	112	449857	46.692	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	172361	48.299	ug/l	99
67) Ethyl Benzene	11.965	91	815314	50.140	ug/l	99
68) m/p-Xylenes	12.076	106	637969	99.125	ug/l	99
69) o-Xylene	12.400	106	322316	50.606	ug/l	100
70) Styrene	12.412	104	528458	52.183	ug/l	100
71) Bromoform	12.582	173	133786	51.521	ug/l #	99
73) Isopropylbenzene	12.700	105	838440	49.912	ug/l	99
74) N-amyl acetate	12.494	43	265439	53.862	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	242534	46.703	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	210083m	44.834	ug/l	
77) Bromobenzene	12.982	156	196434	46.206	ug/l	99
78) n-propylbenzene	13.041	91	942080	50.847	ug/l	100
79) 2-Chlorotoluene	13.129	91	556779	48.141	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	712941	50.709	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	70583	54.220	ug/l	90
82) 4-Chlorotoluene	13.129	91	556779	48.141	ug/l	100
83) tert-Butylbenzene	13.441	119	649736	52.415	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	717049	51.410	ug/l	100
85) sec-Butylbenzene	13.617	105	896829	52.418	ug/l	100
86) p-Isopropyltoluene	13.735	119	764211	53.680	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	379023	48.265	ug/l	100
88) 1,4-Dichlorobenzene	13.817	146	375452	46.801	ug/l	99
89) n-Butylbenzene	14.059	91	619406	53.705	ug/l	99
90) Hexachloroethane	14.335	117	130766	51.349	ug/l	99
91) 1,2-Dichlorobenzene	14.111	146	372176	48.115	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	43796	47.529	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	188594	49.248	ug/l	100
94) Hexachlorobutadiene	15.505	225	99349	47.551	ug/l	100
95) Naphthalene	15.647	128	582585	46.222	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	184043	51.419	ug/l	99

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

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