

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012522\
 Data File : VN070780.D
 Acq On : 25 Jan 2022 18:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/26/2022
 Supervised By : Mahesh Dadoda 01/26/2022

Quant Time: Jan 26 00:50:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	689123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1109630	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1056403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	452073	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	495007	50.121	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.240%			
35) Dibromofluoromethane	8.021	113	344594	50.064	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.120%			
50) Toluene-d8	10.440	98	1430069	49.319	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.640%			
62) 4-Bromofluorobenzene	12.731	95	531538	51.442	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	343103	43.086	ug/l	100
3) Chloromethane	2.303	50	452234	38.852	ug/l	98
4) Vinyl Chloride	2.445	62	562113	50.774	ug/l	99
5) Bromomethane	2.840	94	299899	52.012	ug/l	98
6) Chloroethane	3.011	64	336130	48.653	ug/l	97
7) Trichlorofluoromethane	3.371	101	646273	51.101	ug/l	99
8) Diethyl Ether	3.821	74	232471	42.080	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.202	101	330040	43.178	ug/l	95
10) Methyl Iodide	4.419	142	458956	46.563	ug/l	98
11) Tert butyl alcohol	5.380	59	441323	247.684	ug/l	98
12) 1,1-Dichloroethene	4.175	96	317625	41.663	ug/l	91
13) Acrolein	4.039	56	562486	220.114	ug/l	98
14) Allyl chloride	4.838	41	727464	43.795	ug/l	86
15) Acrylonitrile	5.554	53	1305615	230.338	ug/l	99
16) Acetone	4.288	43	1253560	182.873	ug/l	99
17) Carbon Disulfide	4.524	76	841150	40.626	ug/l	100
18) Methyl Acetate	4.857	43	599595	44.477	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	1298086	47.663	ug/l	97
20) Methylene Chloride	5.093	84	390477	43.245	ug/l	89
21) trans-1,2-Dichloroethene	5.594	96	340880	44.427	ug/l	86
22) Diisopropyl ether	6.498	45	1462835	44.431	ug/l	92
23) Vinyl Acetate	6.434	43	6427241	230.291	ug/l	95
24) 1,1-Dichloroethane	6.385	63	734217	44.581	ug/l	98
25) 2-Butanone	7.335	43	1857717	215.370	ug/l	92
26) 2,2-Dichloropropane	7.324	77	580039	45.937	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	405429	44.481	ug/l	86
28) Bromochloromethane	7.657	49	333138	45.054	ug/l #	77
29) Tetrahydrofuran	7.686	42	1224753	231.892	ug/l	89
30) Chloroform	7.817	83	718918	44.648	ug/l	100
31) Cyclohexane	8.094	56	710561	40.858	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	611913	47.869	ug/l	97
36) 1,1-Dichloropropene	8.222	75	538307	46.456	ug/l	95
37) Ethyl Acetate	7.412	43	732292	47.602	ug/l	97
38) Carbon Tetrachloride	8.206	117	512527	49.719	ug/l	99
39) Methylcyclohexane	9.459	83	658021	45.999	ug/l	89
40) Benzene	8.458	78	1624844	45.255	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	382666	48.893	ug/l #	85
42) 1,2-Dichloroethane	8.531	62	607941	48.832	ug/l	98
43) Isopropyl Acetate	8.560	43	1120973	47.707	ug/l	96
44) Trichloroethene	9.215	130	369831	45.436	ug/l	91
45) 1,2-Dichloropropane	9.488	63	442833	45.331	ug/l	100
46) Dibromomethane	9.577	93	271777	47.847	ug/l	94
47) Bromodichloromethane	9.762	83	561115	48.326	ug/l	99
48) Methyl methacrylate	9.558	41	517388	46.220	ug/l #	84
49) 1,4-Dioxane	9.569	88	177319	1054.560	ug/l #	83
51) 4-Methyl-2-Pentanone	10.330	43	3713383	247.668	ug/l	98
52) Toluene	10.505	92	1015023	47.261	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	632087	45.137	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	673951	48.400	ug/l	97
55) 1,1,2-Trichloroethane	10.899	97	400141	47.426	ug/l	99
56) Ethyl methacrylate	10.760	69	707532	44.365	ug/l	90
57) 1,3-Dichloropropane	11.044	76	718306	48.092	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	911974	226.241	ug/l	91
59) 2-Hexanone	11.084	43	2704205	248.273	ug/l	97
60) Dibromochloromethane	11.237	129	402275	51.115	ug/l	99
61) 1,2-Dibromoethane	11.344	107	405133	47.826	ug/l	99
64) Tetrachloroethene	10.977	164	335906	43.367	ug/l	96
65) Chlorobenzene	11.771	112	1051120	45.924	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	377624	47.912	ug/l	99
67) Ethyl Benzene	11.843	91	2018578	47.569	ug/l	95
68) m/p-Xylenes	11.953	106	1470733	95.271	ug/l	90
69) o-Xylene	12.280	106	728770	47.570	ug/l	89
70) Styrene	12.294	104	1217089	49.660	ug/l	95
71) Bromoform	12.457	173	301835	50.698	ug/l #	99
73) Isopropylbenzene	12.578	105	1955929	45.733	ug/l	97
74) N-amyl acetate	12.387	43	827824	47.341	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.827	83	642636	44.492	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	542274m	45.227	ug/l	
77) Bromobenzene	12.860	156	438547	45.734	ug/l	76
78) n-propylbenzene	12.919	91	2256296	47.173	ug/l	95
79) 2-Chlorotoluene	13.007	91	1382405	45.690	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	1627135	47.046	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.624	75	192099	47.730	ug/l	96
82) 4-Chlorotoluene	13.104	91	1341414	47.452	ug/l	90
83) tert-Butylbenzene	13.323	119	1391331	46.214	ug/l	92
84) 1,2,4-Trimethylbenzene	13.366	105	1596028	48.008	ug/l	96
85) sec-Butylbenzene	13.501	105	1962902	47.958	ug/l	97
86) p-Isopropyltoluene	13.616	119	1575227	48.992	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	749473	46.985	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	719126	45.301	ug/l	96
89) n-Butylbenzene	13.943	91	1309019	49.351	ug/l	97
90) Hexachloroethane	14.209	117	273047	48.582	ug/l	92
91) 1,2-Dichlorobenzene	13.989	146	715514	45.401	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	120238	49.075	ug/l	79
93) 1,2,4-Trichlorobenzene	15.263	180	362802	43.888	ug/l	98
94) Hexachlorobutadiene	15.370	225	229451	49.159	ug/l	99
95) Naphthalene	15.507	128	995546	43.214	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	357150	45.073	ug/l	98

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

