

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042222\
 Data File : VN072172.D
 Acq On : 22 Apr 2022 21:24
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/25/2022
 Supervised By : Mahesh Dadoda 04/25/2022

Quant Time: Apr 23 03:25:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	482304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	735867	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	676394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	292131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	248206	45.079	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 90.160%			
35) Dibromofluoromethane	8.016	113	231660	53.499	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.000%			
50) Toluene-d8	10.439	98	899045	50.754	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.500%			
62) 4-Bromofluorobenzene	12.727	95	312263	54.507	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	206291	53.801	ug/l	96
3) Chloromethane	2.299	50	214500	44.147	ug/l	97
4) Vinyl Chloride	2.440	62	227132	42.568	ug/l	96
5) Bromomethane	2.822	94	148994	42.955	ug/l	99
6) Chloroethane	2.999	64	146854	38.258	ug/l	96
7) Trichlorofluoromethane	3.369	101	331912	48.893	ug/l	100
8) Diethyl Ether	3.822	74	142416	49.640	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.210	101	202267	48.350	ug/l	96
10) Methyl Iodide	4.416	142	292487	50.016	ug/l	100
11) Tert butyl alcohol	5.363	59	217249	243.132	ug/l	99
12) 1,1-Dichloroethene	4.181	96	197913	49.715	ug/l	90
13) Acrolein	4.040	56	63899	58.650	ug/l	96
14) Allyl chloride	4.834	41	279403	43.242	ug/l	92
15) Acrylonitrile	5.551	53	646869	249.061	ug/l	98
16) Acetone	4.281	43	466485	198.243	ug/l	90
17) Carbon Disulfide	4.528	76	453750	49.677	ug/l	99
18) Methyl Acetate	4.851	43	271551	46.496	ug/l	94
19) Methyl tert-butyl Ether	5.610	73	721109	48.758	ug/l	98
20) Methylene Chloride	5.093	84	244964	49.391	ug/l	94
21) trans-1,2-Dichloroethene	5.598	96	213307	48.809	ug/l	91
22) Diisopropyl ether	6.493	45	629815	44.774	ug/l	92
23) Vinyl Acetate	6.428	43	2645694	236.519	ug/l	96
24) 1,1-Dichloroethane	6.387	63	392480	47.528	ug/l	98
25) 2-Butanone	7.328	43	771258	227.357	ug/l	92
26) 2,2-Dichloropropane	7.322	77	283320	39.938	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	263982	49.259	ug/l	93
28) Bromochloromethane	7.657	49	138751	41.653	ug/l	88
29) Tetrahydrofuran	7.675	42	502744	228.880	ug/l	91
30) Chloroform	7.816	83	417060	47.831	ug/l	99
31) Cyclohexane	8.092	56	336053	44.879	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	355707	47.686	ug/l	96
36) 1,1-Dichloropropene	8.216	75	293794	48.586	ug/l	98
37) Ethyl Acetate	7.404	43	304924	46.071	ug/l	95
38) Carbon Tetrachloride	8.204	117	298899	50.436	ug/l	99
39) Methylcyclohexane	9.457	83	370952	51.535	ug/l	97
40) Benzene	8.457	78	964146	50.474	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	161905	49.960	ug/l	95
42) 1,2-Dichloroethane	8.528	62	297025	44.951	ug/l	96
43) Isopropyl Acetate	8.557	43	496537	45.104	ug/l	96
44) Trichloroethene	9.216	130	250295	50.860	ug/l	99
45) 1,2-Dichloropropane	9.486	63	238489	49.977	ug/l	99
46) Dibromomethane	9.575	93	162076	50.023	ug/l	95
47) Bromodichloromethane	9.757	83	321586	50.422	ug/l	97
48) Methyl methacrylate	9.557	41	218688	47.881	ug/l	87
49) 1,4-Dioxane	9.563	88	108664	1002.905	ug/l	95
51) 4-Methyl-2-Pentanone	10.328	43	1547564	244.506	ug/l	93
52) Toluene	10.498	92	628274	52.032	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	341676	51.115	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	377165	51.067	ug/l	91
55) 1,1,2-Trichloroethane	10.892	97	257486	51.813	ug/l	98
56) Ethyl methacrylate	10.757	69	395791	55.829	ug/l #	88
57) 1,3-Dichloropropane	11.039	76	417863	50.291	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	486313	224.663	ug/l	98
59) 2-Hexanone	11.081	43	1109819	249.051	ug/l	91
60) Dibromochloromethane	11.233	129	266446	54.987	ug/l	99
61) 1,2-Dibromoethane	11.339	107	261770	53.512	ug/l	100
64) Tetrachloroethene	10.975	164	218371	48.891	ug/l	100
65) Chlorobenzene	11.763	112	690624	50.992	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	251709	51.503	ug/l	99
67) Ethyl Benzene	11.839	91	1194108	52.081	ug/l	99
68) m/p-Xylenes	11.951	106	937211	106.387	ug/l	98
69) o-Xylene	12.275	106	467476	53.463	ug/l	97
70) Styrene	12.286	104	755452	57.022	ug/l	98
71) Bromoform	12.451	173	213284	57.308	ug/l #	100
73) Isopropylbenzene	12.575	105	1183515	48.077	ug/l	99
74) N-amyl acetate	12.380	43	323861	45.916	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.822	83	370836	45.149	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	271531m	40.123	ug/l	
77) Bromobenzene	12.857	156	294823	47.775	ug/l	93
78) n-propylbenzene	12.916	91	1274540	49.220	ug/l	99
79) 2-Chlorotoluene	13.004	91	790216	47.584	ug/l	99
80) 1,3,5-Trimethylbenzene	13.051	105	981123	50.303	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	102747	47.050	ug/l	93
82) 4-Chlorotoluene	13.098	91	735295	47.768	ug/l	99
83) tert-Butylbenzene	13.322	119	885844	49.685	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	965062	50.712	ug/l	100
85) sec-Butylbenzene	13.498	105	1169093	50.583	ug/l	99
86) p-Isopropyltoluene	13.610	119	959887	52.088	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	478641	48.685	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	461079	48.071	ug/l	99
89) n-Butylbenzene	13.939	91	684088	50.050	ug/l	99
90) Hexachloroethane	14.204	117	171246	50.764	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	469095	48.602	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	61942	48.619	ug/l	91
93) 1,2,4-Trichlorobenzene	15.257	180	218669	47.157	ug/l	99
94) Hexachlorobutadiene	15.363	225	129398	45.457	ug/l	99
95) Naphthalene	15.498	128	657010	49.435	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	221399	49.199	ug/l	99

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

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