

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062122\
 Data File : VN072995.D
 Acq On : 21 Jun 2022 19:58
 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 06/22/2022
 Supervised By : Mahesh Dadoda 06/23/2022

Quant Time: Jun 22 07:03:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	247180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	444010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	397666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	184156	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	191467	57.294	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.580%			
35) Dibromofluoromethane	7.951	113	146469	53.370	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.740%			
50) Toluene-d8	10.374	98	553461	54.198	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.400%			
62) 4-Bromofluorobenzene	12.668	95	208933	56.898	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	129838	55.169	ug/l	100
3) Chloromethane	2.269	50	116978	46.282	ug/l	100
4) Vinyl Chloride	2.404	62	112352	53.233	ug/l	98
5) Bromomethane	2.787	94	32544	39.170	ug/l	96
6) Chloroethane	2.957	64	73234	55.462	ug/l	93
7) Trichlorofluoromethane	3.310	101	219606	63.894	ug/l	97
8) Diethyl Ether	3.769	74	97345	54.879	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.140	101	131667	55.420	ug/l	98
10) Methyl Iodide	4.345	142	70640	25.940	ug/l	95
11) Tert butyl alcohol	5.292	59	233828	270.875	ug/l	99
12) 1,1-Dichloroethene	4.116	96	122790	51.886	ug/l	95
13) Acrolein	3.981	56	83945	246.913	ug/l	97
14) Allyl chloride	4.763	41	272734	53.941	ug/l #	92
15) Acrylonitrile	5.475	53	572427	287.661	ug/l	99
16) Acetone	4.222	43	515138	280.428	ug/l	95
17) Carbon Disulfide	4.457	76	271973	44.854	ug/l	99
18) Methyl Acetate	4.781	43	268277	54.843	ug/l	91
19) Methyl tert-butyl Ether	5.539	73	510669	57.457	ug/l	97
20) Methylene Chloride	5.016	84	156016	54.779	ug/l	91
21) trans-1,2-Dichloroethene	5.516	96	130960	50.873	ug/l	94
22) Diisopropyl ether	6.416	45	555987	58.985	ug/l	96
23) Vinyl Acetate	6.351	43	2564917	294.781	ug/l	94
24) 1,1-Dichloroethane	6.310	63	279839	56.628	ug/l	97
25) 2-Butanone	7.263	43	832781	285.689	ug/l	89
26) 2,2-Dichloropropane	7.245	77	202059	49.249	ug/l	99
27) cis-1,2-Dichloroethene	7.251	96	170773	55.526	ug/l	99
28) Bromochloromethane	7.580	49	111826	54.717	ug/l	86
29) Tetrahydrofuran	7.610	42	555952	288.815	ug/l	88
30) Chloroform	7.745	83	284085	56.786	ug/l	100
31) Cyclohexane	8.022	56	226010	49.997	ug/l	91
32) 1,1,1-Trichloroethane	7.939	97	253357	57.711	ug/l	100
36) 1,1-Dichloropropene	8.151	75	196181	52.829	ug/l	98
37) Ethyl Acetate	7.339	43	332079	55.908	ug/l	95
38) Carbon Tetrachloride	8.139	117	208353	53.341	ug/l	95
39) Methylcyclohexane	9.392	83	225632	50.409	ug/l	94
40) Benzene	8.392	78	627015	53.726	ug/l	98

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41) Methacrylonitrile	7.569	41	156213	55.460	ug/l #	89
42) 1,2-Dichloroethane	8.463	62	230716	55.659	ug/l	99
43) Isopropyl Acetate	8.492	43	482465	56.823	ug/l	93
44) Trichloroethene	9.151	130	150135	50.764	ug/l	95
45) 1,2-Dichloropropane	9.422	63	165559	55.499	ug/l	99
46) Dibromomethane	9.510	93	110959	55.010	ug/l	94
47) Bromodichloromethane	9.698	83	230387	57.472	ug/l	98
48) Methyl methacrylate	9.492	41	215862	55.685	ug/l	90
49) 1,4-Dioxane	9.504	88	90087	1032.833	ug/l #	94
51) 4-Methyl-2-Pentanone	10.269	43	1597172	288.468	ug/l	91
52) Toluene	10.439	92	388375	54.204	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	241512	56.020	ug/l	97
54) cis-1,3-Dichloropropene	10.127	75	258205	54.832	ug/l #	91
55) 1,1,2-Trichloroethane	10.833	97	165702	52.670	ug/l	99
56) Ethyl methacrylate	10.698	69	286387	56.794	ug/l	87
57) 1,3-Dichloropropane	10.980	76	281656	53.963	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	643439	289.021	ug/l	96
59) 2-Hexanone	11.021	43	1234408	288.254	ug/l	89
60) Dibromochloromethane	11.174	129	175075	58.883	ug/l	99
61) 1,2-Dibromoethane	11.280	107	174493	56.261	ug/l	99
64) Tetrachloroethene	10.910	164	126378	52.240	ug/l	95
65) Chlorobenzene	11.704	112	413474	53.240	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	161045	54.483	ug/l	99
67) Ethyl Benzene	11.780	91	761141	55.674	ug/l	99
68) m/p-Xylenes	11.892	106	577395	107.681	ug/l	97
69) o-Xylene	12.216	106	293904	54.853	ug/l	98
70) Styrene	12.227	104	482470	56.072	ug/l	99
71) Bromoform	12.392	173	127993	57.428	ug/l #	99
73) Isopropylbenzene	12.515	105	756378	53.091	ug/l	100
74) N-amyl acetate	12.327	43	403036	54.514	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.763	83	269203	52.468	ug/l	100
76) 1,2,3-Trichloropropane	12.815	75	246468m	55.202	ug/l	
77) Bromobenzene	12.792	156	179403	52.564	ug/l	90
78) n-propylbenzene	12.857	91	866262	55.279	ug/l	98
79) 2-Chlorotoluene	12.945	91	529155	52.146	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	625763	53.472	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	84986	51.405	ug/l	95
82) 4-Chlorotoluene	13.039	91	514604	53.599	ug/l	98
83) tert-Butylbenzene	13.257	119	575855	53.729	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	626634	53.761	ug/l	97
85) sec-Butylbenzene	13.433	105	777772	54.400	ug/l	99
86) p-Isopropyltoluene	13.551	119	639966	55.287	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	318068	52.199	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	316287	51.284	ug/l	98
89) n-Butylbenzene	13.874	91	521880	55.214	ug/l	98
90) Hexachloroethane	14.145	117	120638	55.282	ug/l	87
91) 1,2-Dichlorobenzene	13.921	146	334233	52.597	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	68052	52.600	ug/l	92
93) 1,2,4-Trichlorobenzene	15.192	180	176367	50.150	ug/l	98
94) Hexachlorobutadiene	15.298	225	74586	48.737	ug/l	99
95) Naphthalene	15.427	128	697937	49.059	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	181643	48.369	ug/l	98

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

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