

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061022\
 Data File : VN072778.D
 Acq On : 10 Jun 2022 20:39
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/11/2022
 Supervised By : Mahesh Dadoda 06/13/2022

Quant Time: Jun 11 01:57:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 05:17:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	158733	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	296316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	309696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	140618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	212122	49.791	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.580%		
35) Dibromofluoromethane	8.016	113	142347	48.549	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.100%		
50) Toluene-d8	10.439	98	562582	48.092	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.180%		
62) 4-Bromofluorobenzene	12.727	95	200321	49.903	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.800%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	122080	47.411	ug/l	99
3) Chloromethane	2.293	50	128136	45.796	ug/l	99
4) Vinyl Chloride	2.434	62	138368	49.073	ug/l	99
5) Bromomethane	2.822	94	49472	37.760	ug/l	97
6) Chloroethane	2.993	64	96658	54.066	ug/l	98
7) Trichlorofluoromethane	3.357	101	216252	48.186	ug/l	99
8) Diethyl Ether	3.822	74	93564	51.277	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.199	101	120631	49.087	ug/l	87
10) Methyl Iodide	4.410	142	75700	33.036	ug/l	# 86
11) Tert butyl alcohol	5.363	59	239107	235.275	ug/l	99
12) 1,1-Dichloroethene	4.175	96	110419	48.210	ug/l	84
13) Acrolein	4.040	56	76101	181.309	ug/l	94
14) Allyl chloride	4.834	41	251940	47.645	ug/l	# 89
15) Acrylonitrile	5.546	53	553841	257.210	ug/l	98
16) Acetone	4.281	43	522044	255.727	ug/l	92
17) Carbon Disulfide	4.522	76	238693	45.180	ug/l	100
18) Methyl Acetate	4.846	43	271830	51.177	ug/l	91
19) Methyl tert-butyl Ether	5.610	73	537376	51.871	ug/l	100
20) Methylene Chloride	5.087	84	149977	51.475	ug/l	# 86
21) trans-1,2-Dichloroethene	5.598	96	122791	48.687	ug/l	91
22) Diisopropyl ether	6.493	45	569900	53.175	ug/l	96
23) Vinyl Acetate	6.428	43	2607625	265.752	ug/l	# 93
24) 1,1-Dichloroethane	6.381	63	287598	51.677	ug/l	99
25) 2-Butanone	7.328	43	846657	257.822	ug/l	92
26) 2,2-Dichloropropane	7.322	77	212042	42.138	ug/l	94
27) cis-1,2-Dichloroethene	7.322	96	159085	49.593	ug/l	88
28) Bromochloromethane	7.651	49	142530	54.224	ug/l	# 76
29) Tetrahydrofuran	7.681	42	530200	261.288	ug/l	89
30) Chloroform	7.816	83	299802	51.677	ug/l	98
31) Cyclohexane	8.087	56	232933	51.666	ug/l	91
32) 1,1,1-Trichloroethane	8.010	97	262144	51.133	ug/l	95
36) 1,1-Dichloropropene	8.222	75	200615	49.294	ug/l	95
37) Ethyl Acetate	7.410	43	326924	51.705	ug/l	94
38) Carbon Tetrachloride	8.204	117	218488	50.237	ug/l	98
39) Methylcyclohexane	9.457	83	229809	48.660	ug/l	97
40) Benzene	8.457	78	619753	50.182	ug/l	99

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41) Methacrylonitrile	7.634	41	106750m	50.085	ug/l	
42) 1,2-Dichloroethane	8.528	62	264281	51.612	ug/l	95
43) Isopropyl Acetate	8.557	43	514433	52.242	ug/l #	93
44) Trichloroethene	9.216	130	142729	49.640	ug/l	85
45) 1,2-Dichloropropane	9.486	63	172636	51.729	ug/l	98
46) Dibromomethane	9.575	93	116381	49.885	ug/l #	83
47) Bromodichloromethane	9.757	83	252483	52.646	ug/l	99
48) Methyl methacrylate	9.557	41	243814	52.333	ug/l #	83
49) 1,4-Dioxane	9.563	88	84941	997.402	ug/l #	88
51) 4-Methyl-2-Pentanone	10.328	43	1716337	267.639	ug/l	91
52) Toluene	10.504	92	394687	51.185	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	266217	49.970	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	277583	50.426	ug/l #	83
55) 1,1,2-Trichloroethane	10.892	97	168188	50.543	ug/l	96
56) Ethyl methacrylate	10.757	69	311870	52.991	ug/l #	78
57) 1,3-Dichloropropane	11.039	76	301217	50.693	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	662644	282.514	ug/l	92
59) 2-Hexanone	11.080	43	1306181	276.992	ug/l	89
60) Dibromochloromethane	11.233	129	181650	52.595	ug/l	99
61) 1,2-Dibromoethane	11.345	107	173827	50.971	ug/l	99
64) Tetrachloroethene	10.975	164	121034	46.421	ug/l	89
65) Chlorobenzene	11.769	112	411532	49.867	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	166306	50.660	ug/l	98
67) Ethyl Benzene	11.839	91	789576	50.884	ug/l	96
68) m/p-Xylenes	11.951	106	560490	101.641	ug/l	89
69) o-Xylene	12.275	106	285992	51.593	ug/l	89
70) Styrene	12.292	104	464621	53.329	ug/l	94
71) Bromoform	12.457	173	121262	52.516	ug/l #	99
73) Isopropylbenzene	12.574	105	759672	50.365	ug/l	97
74) N-amyl acetate	12.386	43	408401	58.256	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.827	83	271590	51.870	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	232753m	51.294	ug/l	
77) Bromobenzene	12.857	156	149414	50.250	ug/l	66
78) n-propylbenzene	12.916	91	870453	52.855	ug/l	95
79) 2-Chlorotoluene	13.004	91	533732	51.661	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	613486	51.332	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.622	75	86153	49.654	ug/l	88
82) 4-Chlorotoluene	13.098	91	488785	51.225	ug/l	94
83) tert-Butylbenzene	13.322	119	543229	51.751	ug/l	89
84) 1,2,4-Trimethylbenzene	13.363	105	601528	52.603	ug/l	94
85) sec-Butylbenzene	13.498	105	751148	53.033	ug/l	97
86) p-Isopropyltoluene	13.610	119	595255	53.426	ug/l	94
87) 1,3-Dichlorobenzene	13.616	146	254756	50.444	ug/l	95
88) 1,4-Dichlorobenzene	13.692	146	250995	50.729	ug/l	96
89) n-Butylbenzene	13.939	91	489616	52.159	ug/l	96
90) Hexachloroethane	14.210	117	124560	51.652	ug/l	73
91) 1,2-Dichlorobenzene	13.986	146	254128	51.338	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.604	75	62623	49.514	ug/l	72
93) 1,2,4-Trichlorobenzene	15.263	180	123224	51.746	ug/l	97
94) Hexachlorobutadiene	15.368	225	55053	51.609	ug/l	96
95) Naphthalene	15.504	128	525524	56.880	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	128292	54.102	ug/l	97

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

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