

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070622\
 Data File : VN073332.D
 Acq On : 06 Jul 2022 09:04
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/07/2022
 Supervised By : Mahesh Dadoda 07/07/2022

Quant Time: Jul 07 04:20:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	259345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	448310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	403939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.609	152	200722	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	178772	47.750	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.500%		
35) Dibromofluoromethane	7.945	113	143993	48.277	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.560%		
50) Toluene-d8	10.374	98	507304	47.889	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.780%		
62) 4-Bromofluorobenzene	12.668	95	210226	51.640	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.280%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	182077	48.020	ug/l	98
3) Chloromethane	2.269	50	170694	46.370	ug/l	96
4) Vinyl Chloride	2.404	62	140126	44.801	ug/l	99
5) Bromomethane	2.781	94	59375	40.192	ug/l	95
6) Chloroethane	2.957	64	87051	47.313	ug/l	100
7) Trichlorofluoromethane	3.310	101	258283	47.765	ug/l	99
8) Diethyl Ether	3.757	74	107245	48.721	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.140	101	153816	48.141	ug/l	96
10) Methyl Iodide	4.345	142	156986	41.096	ug/l	95
11) Tert butyl alcohol	5.287	59	212556	234.364	ug/l	100
12) 1,1-Dichloroethene	4.110	96	142583	46.703	ug/l	90
13) Acrolein	3.981	56	108459	189.199	ug/l	99
14) Allyl chloride	4.757	41	314628	48.919	ug/l #	92
15) Acrylonitrile	5.469	53	583404	249.881	ug/l	99
16) Acetone	4.216	43	517506	246.252	ug/l	93
17) Carbon Disulfide	4.457	76	357768	45.193	ug/l	98
18) Methyl Acetate	4.769	43	288972	49.068	ug/l	92
19) Methyl tert-butyl Ether	5.528	73	547261	49.183	ug/l	97
20) Methylene Chloride	5.010	84	171622	46.469	ug/l	87
21) trans-1,2-Dichloroethene	5.510	96	148483	46.546	ug/l	94
22) Diisopropyl ether	6.410	45	608049	50.665	ug/l	96
23) Vinyl Acetate	6.345	43	2715243	252.694	ug/l #	93
24) 1,1-Dichloroethane	6.304	63	306171	49.298	ug/l	99
25) 2-Butanone	7.257	43	841276	251.438	ug/l	90
26) 2,2-Dichloropropane	7.245	77	262054	45.622	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	182308	47.192	ug/l	93
28) Bromochloromethane	7.580	49	148749	57.188	ug/l	83
29) Tetrahydrofuran	7.604	42	567407	247.669	ug/l	86
30) Chloroform	7.745	83	306750	49.038	ug/l	98
31) Cyclohexane	8.022	56	273523	44.609	ug/l	91
32) 1,1,1-Trichloroethane	7.939	97	265031	47.543	ug/l	99
36) 1,1-Dichloropropene	8.145	75	223528	48.705	ug/l	97
37) Ethyl Acetate	7.333	43	338292	48.784	ug/l	94
38) Carbon Tetrachloride	8.133	117	221688	46.710	ug/l	99
39) Methylcyclohexane	9.392	83	273553	47.876	ug/l	93
40) Benzene	8.386	78	676691	47.776	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	163850	48.720	ug/l #	87
42) 1,2-Dichloroethane	8.457	62	252027	49.087	ug/l	98
43) Isopropyl Acetate	8.492	43	502851	50.456	ug/l	93
44) Trichloroethene	9.145	130	169360	46.987	ug/l	93
45) 1,2-Dichloropropane	9.422	63	177964	49.297	ug/l	99
46) Dibromomethane	9.510	93	116147	47.384	ug/l	94
47) Bromodichloromethane	9.692	83	243804	51.354	ug/l	99
48) Methyl methacrylate	9.492	41	225437	48.855	ug/l	92
49) 1,4-Dioxane	9.498	88	83199	949.766	ug/l #	92
51) 4-Methyl-2-Pentanone	10.269	43	1634968	258.695	ug/l	90
52) Toluene	10.439	92	423973	48.436	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	270284	51.716	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	286468	50.771	ug/l #	90
55) 1,1,2-Trichloroethane	10.833	97	171268	47.528	ug/l	97
56) Ethyl methacrylate	10.698	69	296602	50.923	ug/l #	86
57) 1,3-Dichloropropane	10.980	76	303244	49.090	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	695754	267.845	ug/l	95
59) 2-Hexanone	11.021	43	1253633	260.219	ug/l	88
60) Dibromochloromethane	11.174	129	177935	51.790	ug/l	100
61) 1,2-Dibromoethane	11.286	107	182934	50.824	ug/l	98
64) Tetrachloroethene	10.910	164	154097	46.718	ug/l	93
65) Chlorobenzene	11.710	112	441844	48.365	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	163876	48.769	ug/l	98
67) Ethyl Benzene	11.780	91	821317	49.520	ug/l	99
68) m/p-Xylenes	11.892	106	621467	99.287	ug/l	95
69) o-Xylene	12.221	106	310330	48.566	ug/l	97
70) Styrene	12.233	104	510449	51.741	ug/l	98
71) Bromoform	12.398	173	130240	52.969	ug/l #	99
73) Isopropylbenzene	12.515	105	808243	46.630	ug/l	98
74) N-amyl acetate	12.327	43	407018	46.896	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.768	83	266485	46.331	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	235596m	44.888	ug/l	
77) Bromobenzene	12.798	156	181796	45.111	ug/l	86
78) n-propylbenzene	12.857	91	950492	49.361	ug/l	97
79) 2-Chlorotoluene	12.945	91	566080	46.449	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	681629	48.247	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.563	75	94607	49.435	ug/l	95
82) 4-Chlorotoluene	13.039	91	552208	46.803	ug/l	98
83) tert-Butylbenzene	13.262	119	588149	46.435	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	669601	47.472	ug/l	95
85) sec-Butylbenzene	13.439	105	833114	48.984	ug/l	98
86) p-Isopropyltoluene	13.551	119	683456	49.746	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	332121	45.938	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	334238	46.142	ug/l	99
89) n-Butylbenzene	13.880	91	577975	50.484	ug/l	98
90) Hexachloroethane	14.145	117	124635	48.677	ug/l	85
91) 1,2-Dichlorobenzene	13.927	146	339998	46.166	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.539	75	66073	47.262	ug/l	87
93) 1,2,4-Trichlorobenzene	15.192	180	184915	48.221	ug/l	99
94) Hexachlorobutadiene	15.298	225	77800	45.639	ug/l	99
95) Naphthalene	15.433	128	686936	44.405	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	186019	47.025	ug/l	98

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

