

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063022\
 Data File : VN073279.D
 Acq On : 30 Jun 2022 20:42
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

Quant Time: Jul 01 08:11:34 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	8.016	168	240709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	437276	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	396457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	189174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	185606	53.413	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.820%			
35) Dibromofluoromethane	7.951	113	148873	51.172	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.340%			
50) Toluene-d8	10.380	98	504162	48.793	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.580%			
62) 4-Bromofluorobenzene	12.668	95	209083	52.655	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	172513	49.021	ug/l	94
3) Chloromethane	2.263	50	162033	47.425	ug/l	99
4) Vinyl Chloride	2.404	62	143881	49.563	ug/l	96
5) Bromomethane	2.787	94	61779	45.057	ug/l	92
6) Chloroethane	2.957	64	90369	52.919	ug/l	99
7) Trichlorofluoromethane	3.316	101	253355	50.481	ug/l	99
8) Diethyl Ether	3.763	74	115368	56.469	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.140	101	134150	45.237	ug/l	98
10) Methyl Iodide	4.351	142	138675	38.999	ug/l	95
11) Tert butyl alcohol	5.292	59	260406	309.353	ug/l	100
12) 1,1-Dichloroethene	4.116	96	145620	51.390	ug/l	96
13) Acrolein	3.975	56	157665	296.329	ug/l	97
14) Allyl chloride	4.763	41	305624	51.198	ug/l #	93
15) Acrylonitrile	5.475	53	642490	296.494	ug/l	100
16) Acetone	4.222	43	587779	301.345	ug/l	94
17) Carbon Disulfide	4.457	76	368454	50.146	ug/l	100
18) Methyl Acetate	4.775	43	314810	57.593	ug/l	90
19) Methyl tert-butyl Ether	5.534	73	586464	56.787	ug/l	99
20) Methylene Chloride	5.010	84	179270	52.298	ug/l	91
21) trans-1,2-Dichloroethene	5.516	96	148897	50.289	ug/l	92
22) Diisopropyl ether	6.410	45	629884	56.548	ug/l	93
23) Vinyl Acetate	6.351	43	2904144	291.199	ug/l #	92
24) 1,1-Dichloroethane	6.304	63	307509	53.346	ug/l	99
25) 2-Butanone	7.257	43	936452	301.552	ug/l	90
26) 2,2-Dichloropropane	7.245	77	163522	30.672	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	187464	52.284	ug/l	99
28) Bromochloromethane	7.586	49	142116	58.868	ug/l	85
29) Tetrahydrofuran	7.610	42	629278	295.941	ug/l	88
30) Chloroform	7.745	83	310550	53.489	ug/l	98
31) Cyclohexane	8.022	56	255066	44.819	ug/l	89
32) 1,1,1-Trichloroethane	7.939	97	271568	52.488	ug/l	99
36) 1,1-Dichloropropene	8.145	75	213652	47.728	ug/l	98
37) Ethyl Acetate	7.339	43	374239	55.329	ug/l	95
38) Carbon Tetrachloride	8.133	117	223076	48.188	ug/l	99
39) Methylcyclohexane	9.392	83	248526	44.593	ug/l	96
40) Benzene	8.392	78	689162	49.885	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	183554	55.956	ug/l #	84
42) 1,2-Dichloroethane	8.463	62	263653	52.648	ug/l	98
43) Isopropyl Acetate	8.492	43	542302	55.788	ug/l	94
44) Trichloroethene	9.151	130	165212	46.993	ug/l	100
45) 1,2-Dichloropropane	9.422	63	180934	51.384	ug/l	98
46) Dibromomethane	9.510	93	124998	52.282	ug/l	93
47) Bromodichloromethane	9.698	83	247897	53.534	ug/l	99
48) Methyl methacrylate	9.492	41	244097	54.233	ug/l	90
49) 1,4-Dioxane	9.504	88	97752	1144.055	ug/l #	91
51) 4-Methyl-2-Pentanone	10.269	43	1777357	288.321	ug/l	91
52) Toluene	10.439	92	422082	49.437	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	259857	50.976	ug/l	98
54) cis-1,3-Dichloropropene	10.127	75	274232	49.829	ug/l #	91
55) 1,1,2-Trichloroethane	10.839	97	181825	51.731	ug/l	98
56) Ethyl methacrylate	10.698	69	322720	56.806	ug/l	88
57) 1,3-Dichloropropane	10.986	76	312200	51.815	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	713921	281.774	ug/l	96
59) 2-Hexanone	11.022	43	1378918	293.448	ug/l	90
60) Dibromochloromethane	11.174	129	184766	55.135	ug/l	98
61) 1,2-Dibromoethane	11.286	107	193401	55.088	ug/l	100
64) Tetrachloroethene	10.910	164	145552	44.960	ug/l	97
65) Chlorobenzene	11.710	112	438310	48.884	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	173458	52.595	ug/l	97
67) Ethyl Benzene	11.786	91	805772	49.500	ug/l	98
68) m/p-Xylenes	11.892	106	605514	98.564	ug/l	94
69) o-Xylene	12.221	106	310415	49.496	ug/l	97
70) Styrene	12.233	104	507131	52.375	ug/l	98
71) Bromoform	12.398	173	140501	58.221	ug/l #	99
73) Isopropylbenzene	12.516	105	777049	47.567	ug/l	100
74) N-amyl acetate	12.327	43	441270	53.946	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.768	83	286293	52.813	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	250588m	50.659	ug/l	
77) Bromobenzene	12.798	156	184112	48.475	ug/l	86
78) n-propylbenzene	12.857	91	884123	48.718	ug/l	99
79) 2-Chlorotoluene	12.945	91	553794	48.215	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	648060	48.671	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	86194	47.788	ug/l	95
82) 4-Chlorotoluene	13.045	91	531416	47.790	ug/l	98
83) tert-Butylbenzene	13.263	119	567511	47.541	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	645938	48.589	ug/l	97
85) sec-Butylbenzene	13.439	105	783152	48.858	ug/l	99
86) p-Isopropyltoluene	13.551	119	639872	49.416	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	328840	48.261	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	330319	48.384	ug/l	99
89) n-Butylbenzene	13.880	91	533652	49.458	ug/l	99
90) Hexachloroethane	14.145	117	121709	50.436	ug/l	88
91) 1,2-Dichlorobenzene	13.921	146	342974	49.413	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	76351	57.948	ug/l	90
93) 1,2,4-Trichlorobenzene	15.192	180	190052	52.586	ug/l	99
94) Hexachlorobutadiene	15.298	225	75944	47.270	ug/l	96
95) Naphthalene	15.433	128	804087	55.150	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	194460	52.160	ug/l	98

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

