

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021622\
 Data File : VN070954.D
 Acq On : 16 Feb 2022 12:42
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 17 04:07:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:52:42 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/17/2022
 Supervised By :Mahesh Dadoda 02/21/2022

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	669185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1047560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	981633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	455439	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.433	65	408493	53.438	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.880%	
35) Dibromofluoromethane	8.016	113	328923	52.789	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.580%	
50) Toluene-d8	10.433	98	1272432	50.851	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.700%	
62) 4-Bromofluorobenzene	12.727	95	469717	52.516	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 105.040%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.069	85	334459	48.121	ug/l	98
3) Chloromethane	2.298	50	415351	47.543	ug/l	96
4) Vinyl Chloride	2.446	62	412276	47.142	ug/l	97
5) Bromomethane	2.840	94	252369	50.799	ug/l	97
6) Chloroethane	3.010	64	265859	46.338	ug/l	98
7) Trichlorofluoromethane	3.369	101	523251	47.743	ug/l	98
8) Diethyl Ether	3.816	74	247338	51.914	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.198	101	324700	48.288	ug/l	96
10) Methyl Iodide	4.410	142	488902	52.498	ug/l	97
11) Tert butyl alcohol	5.369	59	379627	272.503	ug/l	99
12) 1,1-Dichloroethene	4.169	96	314889	48.065	ug/l	96
13) Acrolein	4.034	56	311949	250.591	ug/l	99
14) Allyl chloride	4.834	41	633981	50.741	ug/l	88
15) Acrylonitrile	5.545	53	1142397	278.398	ug/l	99
16) Acetone	4.281	43	1060565	251.925	ug/l	94
17) Carbon Disulfide	4.522	76	893702	47.570	ug/l	99
18) Methyl Acetate	4.851	43	521118	56.613	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	1274598	55.463	ug/l	96
20) Methylene Chloride	5.087	84	392190	51.260	ug/l	96
21) trans-1,2-Dichloroethene	5.592	96	350016	49.777	ug/l	95
22) Diisopropyl ether	6.492	45	1316071	54.920	ug/l	94
23) Vinyl Acetate	6.428	43	5767521	284.319	ug/l	99
24) 1,1-Dichloroethane	6.375	63	686067	51.072	ug/l	99
25) 2-Butanone	7.328	43	1568009	279.987	ug/l	99
26) 2,2-Dichloropropane	7.316	77	561471	50.291	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	416016	51.476	ug/l	95
28) Bromochloromethane	7.645	49	256002	47.085	ug/l	93
29) Tetrahydrofuran	7.680	42	1019767	281.084	ug/l	97
30) Chloroform	7.810	83	681522	51.583	ug/l	99
31) Cyclohexane	8.086	56	634449	47.990	ug/l	96
32) 1,1,1-Trichloroethane	8.010	97	579600	50.798	ug/l	98
36) 1,1-Dichloropropene	8.216	75	510344	49.993	ug/l	98
37) Ethyl Acetate	7.404	43	615420	56.213	ug/l	99
38) Carbon Tetrachloride	8.198	117	501966	49.906	ug/l	99
39) Methylcyclohexane	9.451	83	648503	49.370	ug/l	98
40) Benzene	8.451	78	1546101	51.202	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	344086	59.674	ug/l #	86
42) 1,2-Dichloroethane	8.522	62	553501	53.821	ug/l	98
43) Isopropyl Acetate	8.557	43	976087	56.563	ug/l	98
44) Trichloroethene	9.210	130	399262	50.212	ug/l	98
45) 1,2-Dichloropropane	9.480	63	407189	52.643	ug/l	99
46) Dibromomethane	9.569	93	270444	53.130	ug/l	98
47) Bromodichloromethane	9.757	83	545570	53.032	ug/l	99
48) Methyl methacrylate	9.551	41	476688	58.360	ug/l #	85
49) 1,4-Dioxane	9.563	88	164303	1132.536	ug/l	92
51) 4-Methyl-2-Pentanone	10.327	43	3024168	288.035	ug/l	96
52) Toluene	10.498	92	982676	51.790	ug/l	95
53) t-1,3-Dichloropropene	10.710	75	624102	55.791	ug/l	100
54) cis-1,3-Dichloropropene	10.180	75	671631	54.671	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	399367	53.771	ug/l	98
56) Ethyl methacrylate	10.757	69	667318	59.633	ug/l #	93
57) 1,3-Dichloropropane	11.039	76	694616	54.069	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	597486	241.301	ug/l	97
59) 2-Hexanone	11.080	43	2147808	297.442	ug/l	96
60) Dibromochloromethane	11.233	129	431244	54.942	ug/l	99
61) 1,2-Dibromoethane	11.339	107	412969	54.666	ug/l	99
64) Tetrachloroethene	10.968	164	365128	47.761	ug/l	98
65) Chlorobenzene	11.763	112	1057738	50.005	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	398826	51.725	ug/l	100
67) Ethyl Benzene	11.839	91	1887576	50.985	ug/l	98
68) m/p-Xylenes	11.945	106	1464255	102.392	ug/l	100
69) o-Xylene	12.274	106	726810	52.028	ug/l	100
70) Styrene	12.286	104	1200460	54.044	ug/l	98
71) Bromoform	12.451	173	334980	54.549	ug/l #	100
73) Isopropylbenzene	12.574	105	1862743	50.813	ug/l	100
74) N-amyl acetate	12.380	43	696585	59.445	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.821	83	599676	51.478	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	517908m	48.297	ug/l	
77) Bromobenzene	12.857	156	464454	51.755	ug/l	90
78) n-propylbenzene	12.915	91	2132909	51.785	ug/l	99
79) 2-Chlorotoluene	13.004	91	1278323	51.106	ug/l	96
80) 1,3,5-Trimethylbenzene	13.051	105	1540649	51.875	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.615	75	186137	56.248	ug/l	87
82) 4-Chlorotoluene	13.098	91	1280222	52.727	ug/l	95
83) tert-Butylbenzene	13.315	119	1396441	49.579	ug/l	98
84) 1,2,4-Trimethylbenzene	13.362	105	1535797	52.532	ug/l	99
85) sec-Butylbenzene	13.498	105	1922637	51.804	ug/l	100
86) p-Isopropyltoluene	13.609	119	1623708	53.293	ug/l	99
87) 1,3-Dichlorobenzene	13.609	146	815368	51.325	ug/l	98
88) 1,4-Dichlorobenzene	13.686	146	802656	51.569	ug/l	99
89) n-Butylbenzene	13.939	91	1343395	54.044	ug/l	97
90) Hexachloroethane	14.204	117	279363	51.343	ug/l	94
91) 1,2-Dichlorobenzene	13.980	146	770871	51.675	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	106131	56.231	ug/l	95
93) 1,2,4-Trichlorobenzene	15.256	180	430860	51.330	ug/l	99
94) Hexachlorobutadiene	15.362	225	260338	47.857	ug/l	100
95) Naphthalene	15.498	128	1094817	53.393	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	409190	52.788	ug/l	99

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

