

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042222\
 Data File : VN072146.D
 Acq On : 22 Apr 2022 10:19
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/25/2022
 Supervised By : Mahesh Dadoda 04/25/2022

Quant Time: Apr 23 03:11:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	451419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	656036	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	612403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	273101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	234216	45.448	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.900%		
35) Dibromofluoromethane	8.016	113	215828	55.908	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	111.820%		
50) Toluene-d8	10.439	98	821264	52.005	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.020%		
62) 4-Bromofluorobenzene	12.727	95	283225	55.454	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	110.900%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	225814	62.922	ug/l	98
3) Chloromethane	2.299	50	221289	48.660	ug/l	98
4) Vinyl Chloride	2.440	62	236301	47.316	ug/l	96
5) Bromomethane	2.834	94	159428	49.108	ug/l	100
6) Chloroethane	3.004	64	151984	42.303	ug/l	99
7) Trichlorofluoromethane	3.369	101	350530	55.168	ug/l	100
8) Diethyl Ether	3.822	74	144554	53.833	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.210	101	219575	56.078	ug/l	96
10) Methyl Iodide	4.422	142	295983	54.077	ug/l	99
11) Tert butyl alcohol	5.363	59	199820	238.927	ug/l	99
12) 1,1-Dichloroethene	4.181	96	200979	53.939	ug/l	95
13) Acrolein	4.040	56	56398	55.307	ug/l	99
14) Allyl chloride	4.840	41	292907	48.433	ug/l	94
15) Acrylonitrile	5.545	53	632697	260.271	ug/l	99
16) Acetone	4.281	43	580653	263.644	ug/l	94
17) Carbon Disulfide	4.528	76	482046	56.385	ug/l	100
18) Methyl Acetate	4.846	43	266568	48.842	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	727332	52.544	ug/l	97
20) Methylene Chloride	5.093	84	250122	53.881	ug/l	95
21) trans-1,2-Dichloroethene	5.598	96	221697	54.200	ug/l	92
22) Diisopropyl ether	6.492	45	658361	50.006	ug/l	95
23) Vinyl Acetate	6.428	43	2753948	263.041	ug/l	98
24) 1,1-Dichloroethane	6.381	63	414166	53.586	ug/l	97
25) 2-Butanone	7.328	43	818749	257.870	ug/l	94
26) 2,2-Dichloropropane	7.322	77	347790	52.381	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	274686	54.763	ug/l	95
28) Bromochloromethane	7.651	49	144363	46.302	ug/l	89
29) Tetrahydrofuran	7.675	42	502425	244.384	ug/l	93
30) Chloroform	7.816	83	432529	52.999	ug/l	98
31) Cyclohexane	8.092	56	357104	50.954	ug/l	100
32) 1,1,1-Trichloroethane	8.010	97	371000	53.138	ug/l	97
36) 1,1-Dichloropropene	8.216	75	307341	57.011	ug/l	98
37) Ethyl Acetate	7.404	43	310769	52.668	ug/l	96
38) Carbon Tetrachloride	8.204	117	319861	60.541	ug/l	97
39) Methylcyclohexane	9.457	83	396144	61.732	ug/l	97
40) Benzene	8.457	78	995316	58.446	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	145351	50.310	ug/l	94
42) 1,2-Dichloroethane	8.528	62	318160	54.008	ug/l	97
43) Isopropyl Acetate	8.557	43	478846	48.790	ug/l	96
44) Trichloroethene	9.210	130	259916	59.242	ug/l	97
45) 1,2-Dichloropropane	9.486	63	245844	57.787	ug/l	99
46) Dibromomethane	9.575	93	168354	58.284	ug/l	96
47) Bromodichloromethane	9.757	83	338549	59.541	ug/l	99
48) Methyl methacrylate	9.557	41	224064	55.028	ug/l	91
49) 1,4-Dioxane	9.563	88	110756	1148.609	ug/l	97
51) 4-Methyl-2-Pentanone	10.328	43	1549783	274.652	ug/l	95
52) Toluene	10.504	92	654680	60.816	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	357402	59.974	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	398304	60.492	ug/l	92
55) 1,1,2-Trichloroethane	10.892	97	261362	58.993	ug/l	99
56) Ethyl methacrylate	10.757	69	389136	61.570	ug/l #	90
57) 1,3-Dichloropropane	11.039	76	426788	57.616	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	532215	271.927	ug/l	98
59) 2-Hexanone	11.080	43	1136683	286.119	ug/l	93
60) Dibromochloromethane	11.233	129	276799	64.075	ug/l	99
61) 1,2-Dibromoethane	11.339	107	262446	60.179	ug/l	99
64) Tetrachloroethene	10.975	164	234692	58.036	ug/l	98
65) Chlorobenzene	11.769	112	701339	57.194	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	260748	58.928	ug/l	99
67) Ethyl Benzene	11.839	91	1223710	58.949	ug/l	99
68) m/p-Xylenes	11.951	106	967918	121.354	ug/l	98
69) o-Xylene	12.274	106	477843	60.359	ug/l	95
70) Styrene	12.292	104	774396	64.560	ug/l	98
71) Bromoform	12.451	173	217542	64.559	ug/l	99
73) Isopropylbenzene	12.574	105	1210099	52.582	ug/l	99
74) N-amyl acetate	12.380	43	328316	49.791	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.822	83	388652	50.615	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	325385m	51.431	ug/l	
77) Bromobenzene	12.857	156	305497	52.954	ug/l	93
78) n-propylbenzene	12.916	91	1333946	55.103	ug/l	99
79) 2-Chlorotoluene	13.004	91	811021	52.240	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	993433	54.483	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	111349	54.542	ug/l	94
82) 4-Chlorotoluene	13.098	91	772725	53.697	ug/l	98
83) tert-Butylbenzene	13.321	119	897303	53.835	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	982415	55.221	ug/l	99
85) sec-Butylbenzene	13.498	105	1211725	56.081	ug/l	100
86) p-Isopropyltoluene	13.610	119	1008003	58.510	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	514154	55.941	ug/l	98
88) 1,4-Dichlorobenzene	13.686	146	490755	54.731	ug/l	99
89) n-Butylbenzene	13.939	91	724075	56.667	ug/l	99
90) Hexachloroethane	14.204	117	178922	56.735	ug/l	94
91) 1,2-Dichlorobenzene	13.986	146	495898	54.959	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	60839	51.081	ug/l	92
93) 1,2,4-Trichlorobenzene	15.257	180	227640	52.276	ug/l	99
94) Hexachlorobutadiene	15.363	225	144935	54.462	ug/l	98
95) Naphthalene	15.498	128	607672	48.949	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	225510	53.389	ug/l	98

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

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