

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032122\
 Data File : VN071415.D
 Acq On : 21 Mar 2022 12:19
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 21 16:24:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/22/2022
 Supervised By : Mahesh Dadoda 03/22/2022

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	562382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	911888	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	847554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	359384	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	362399	47.018	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.040%		
35) Dibromofluoromethane	8.016	113	277203	48.173	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.340%		
50) Toluene-d8	10.433	98	1083392	46.761	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.520%		
62) 4-Bromofluorobenzene	12.727	95	397139	50.620	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.240%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	282079	45.766	ug/l	100
3) Chloromethane	2.298	50	386418	46.697	ug/l	98
4) Vinyl Chloride	2.440	62	358374	47.445	ug/l	100
5) Bromomethane	2.822	94	168071	49.806	ug/l	96
6) Chloroethane	2.993	64	210054	45.920	ug/l	98
7) Trichlorofluoromethane	3.363	101	498647	50.156	ug/l	96
8) Diethyl Ether	3.822	74	219907	51.689	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.204	101	300925	52.286	ug/l	94
10) Methyl Iodide	4.416	142	385853	47.466	ug/l	99
11) Tert butyl alcohol	5.363	59	386744	255.421	ug/l	98
12) 1,1-Dichloroethene	4.175	96	280222	49.702	ug/l	94
13) Acrolein	4.040	56	352856	220.172	ug/l	100
14) Allyl chloride	4.834	41	625466	51.006	ug/l	87
15) Acrylonitrile	5.545	53	1156682	257.272	ug/l	99
16) Acetone	4.275	43	1233120	328.806	ug/l	97
17) Carbon Disulfide	4.528	76	684994	42.676	ug/l	98
18) Methyl Acetate	4.845	43	543811	53.955	ug/l	96
19) Methyl tert-butyl Ether	5.604	73	1139432	53.827	ug/l	95
20) Methylene Chloride	5.087	84	354658	51.729	ug/l	92
21) trans-1,2-Dichloroethene	5.592	96	307066	49.792	ug/l	92
22) Diisopropyl ether	6.486	45	1306597	54.084	ug/l	92
23) Vinyl Acetate	6.428	43	5638400	275.686	ug/l	98
24) 1,1-Dichloroethane	6.381	63	666959	52.246	ug/l	99
25) 2-Butanone	7.328	43	1678827	277.892	ug/l	97
26) 2,2-Dichloropropane	7.316	77	547760	55.619	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	377815	51.619	ug/l	89
28) Bromochloromethane	7.651	49	255453	44.936	ug/l #	81
29) Tetrahydrofuran	7.675	42	1066892	254.916	ug/l	91
30) Chloroform	7.810	83	641442	52.683	ug/l	100
31) Cyclohexane	8.092	56	600723	48.806	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	552472	53.269	ug/l	97
36) 1,1-Dichloropropene	8.216	75	476625	51.696	ug/l	96
37) Ethyl Acetate	7.404	43	627699	49.470	ug/l	97
38) Carbon Tetrachloride	8.204	117	466040	52.260	ug/l	99
39) Methylcyclohexane	9.451	83	582624	53.717	ug/l	93
40) Benzene	8.457	78	1447240	52.100	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	320607	51.631	ug/l	91
42) 1,2-Dichloroethane	8.522	62	524225	54.231	ug/l	99
43) Isopropyl Acetate	8.551	43	995078	52.443	ug/l	96
44) Trichloroethene	9.210	130	344469	52.557	ug/l	96
45) 1,2-Dichloropropane	9.486	63	393312	52.745	ug/l	99
46) Dibromomethane	9.574	93	243635	53.084	ug/l	96
47) Bromodichloromethane	9.757	83	503014	54.232	ug/l	99
48) Methyl methacrylate	9.557	41	485192	55.178	ug/l #	81
49) 1,4-Dioxane	9.563	88	174792	1143.592	ug/l #	88
51) 4-Methyl-2-Pentanone	10.327	43	3225991	273.952	ug/l	100
52) Toluene	10.498	92	905810	52.955	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	568670	55.619	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	619889	55.488	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	362210	52.844	ug/l	98
56) Ethyl methacrylate	10.757	69	631965	56.458	ug/l	91
57) 1,3-Dichloropropane	11.039	76	653557	53.121	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	685838	286.995	ug/l	94
59) 2-Hexanone	11.080	43	2401932	298.944	ug/l	100
60) Dibromochloromethane	11.233	129	379131	55.670	ug/l	99
61) 1,2-Dibromoethane	11.339	107	360518	51.464	ug/l	99
64) Tetrachloroethene	10.974	164	294183	49.767	ug/l	96
65) Chlorobenzene	11.763	112	959821	52.732	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	362108	54.256	ug/l	99
67) Ethyl Benzene	11.839	91	1776146	55.189	ug/l	98
68) m/p-Xylenes	11.945	106	1331942	113.132	ug/l	97
69) o-Xylene	12.274	106	665369	56.380	ug/l	97
70) Styrene	12.292	104	1079982	59.118	ug/l	97
71) Bromoform	12.451	173	288714	56.963	ug/l #	99
73) Isopropylbenzene	12.574	105	1745796	50.392	ug/l	99
74) N-amyl acetate	12.380	43	716138	54.977	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	567589	55.410	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	524113m	60.780	ug/l	
77) Bromobenzene	12.857	156	400324	49.554	ug/l	80
78) n-propylbenzene	12.915	91	1983439	53.353	ug/l	97
79) 2-Chlorotoluene	13.004	91	1201287	50.339	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	1396135	51.799	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	181912	54.718	ug/l	92
82) 4-Chlorotoluene	13.098	91	1145181	53.875	ug/l	94
83) tert-Butylbenzene	13.321	119	1271613	52.866	ug/l	98
84) 1,2,4-Trimethylbenzene	13.362	105	1379831	53.447	ug/l	100
85) sec-Butylbenzene	13.498	105	1757144	54.960	ug/l	98
86) p-Isopropyltoluene	13.610	119	1427165	56.761	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	681417	51.913	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	649272	50.602	ug/l	98
89) n-Butylbenzene	13.939	91	1117618	56.831	ug/l	96
90) Hexachloroethane	14.204	117	262350	52.469	ug/l	88
91) 1,2-Dichlorobenzene	13.986	146	652660	51.718	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	105873	52.524	ug/l	86
93) 1,2,4-Trichlorobenzene	15.256	180	315363	53.333	ug/l	99
94) Hexachlorobutadiene	15.362	225	183681	51.848	ug/l	100
95) Naphthalene	15.504	128	957067	57.272	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	319511	56.266	ug/l	99

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

