

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030322\
 Data File : VN071144.D
 Acq On : 03 Mar 2022 11:05
 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 04 01:11:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/04/2022
 Supervised By : Mahesh Dadoda 03/04/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	592529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	938676	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	887354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	358607	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	388895	57.456	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 114.920%			
35) Dibromofluoromethane	8.016	113	299000	53.553	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.100%			
50) Toluene-d8	10.433	98	1178268	52.550	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.100%			
62) 4-Bromofluorobenzene	12.727	95	414969	51.777	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	274567	44.614	ug/l	98
3) Chloromethane	2.299	50	358258	46.314	ug/l	100
4) Vinyl Chloride	2.446	62	346341	44.726	ug/l	100
5) Bromomethane	2.822	94	171883	39.074	ug/l	97
6) Chloroethane	2.999	64	232989	45.863	ug/l	98
7) Trichlorofluoromethane	3.363	101	480823	49.548	ug/l	99
8) Diethyl Ether	3.822	74	217146	51.473	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.210	101	290534	48.797	ug/l	94
10) Methyl Iodide	4.422	142	386197	46.835	ug/l	98
11) Tert butyl alcohol	5.363	59	391896	317.703	ug/l	99
12) 1,1-Dichloroethene	4.187	96	268087	46.215	ug/l	97
13) Acrolein	4.034	56	307870	279.310	ug/l	100
14) Allyl chloride	4.840	41	601051	54.329	ug/l #	85
15) Acrylonitrile	5.545	53	1152207	317.115	ug/l	98
16) Acetone	4.281	43	940659	252.350	ug/l	98
17) Carbon Disulfide	4.528	76	632916	38.047	ug/l	100
18) Methyl Acetate	4.846	43	527749	64.838	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	1132634	55.661	ug/l	97
20) Methylene Chloride	5.093	84	347257	51.259	ug/l	92
21) trans-1,2-Dichloroethene	5.593	96	289680	46.526	ug/l	89
22) Diisopropyl ether	6.492	45	1290906	60.839	ug/l	90
23) Vinyl Acetate	6.428	43	5525726	307.640	ug/l	98
24) 1,1-Dichloroethane	6.381	63	642052	53.978	ug/l	99
25) 2-Butanone	7.328	43	1565006	315.603	ug/l	94
26) 2,2-Dichloropropane	7.322	77	510442	51.635	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	364014	50.869	ug/l	89
28) Bromochloromethane	7.651	49	283307	58.848	ug/l	83
29) Tetrahydrofuran	7.675	42	1048829	326.495	ug/l	92
30) Chloroform	7.816	83	621867	53.157	ug/l	97
31) Cyclohexane	8.092	56	573579	48.999	ug/l	92
32) 1,1,1-Trichloroethane	8.010	97	525827	52.047	ug/l	99
36) 1,1-Dichloropropene	8.216	75	447171	48.886	ug/l	96
37) Ethyl Acetate	7.404	43	619748	63.174	ug/l	98
38) Carbon Tetrachloride	8.204	117	445749	49.458	ug/l	100
39) Methylcyclohexane	9.457	83	552538	46.944	ug/l	96
40) Benzene	8.457	78	1383121	51.118	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	312104	60.406	ug/l #	91
42) 1,2-Dichloroethane	8.528	62	504935	54.794	ug/l	99
43) Isopropyl Acetate	8.551	43	984335	63.658	ug/l	96
44) Trichloroethene	9.210	130	334331	46.924	ug/l	95
45) 1,2-Dichloropropane	9.486	63	385145	55.569	ug/l	100
46) Dibromomethane	9.575	93	237879	52.153	ug/l	98
47) Bromodichloromethane	9.757	83	496768	53.889	ug/l	98
48) Methyl methacrylate	9.557	41	470194	64.242	ug/l #	82
49) 1,4-Dioxane	9.563	88	164108	1262.407	ug/l	89
51) 4-Methyl-2-Pentanone	10.328	43	3149440	334.762	ug/l	99
52) Toluene	10.498	92	881758	51.862	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	555830	55.452	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	604521	54.916	ug/l	95
55) 1,1,2-Trichloroethane	10.892	97	362303	54.440	ug/l	99
56) Ethyl methacrylate	10.757	69	615823	61.415	ug/l	91
57) 1,3-Dichloropropane	11.039	76	642207	55.788	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	516931	234.081	ug/l	95
59) 2-Hexanone	11.080	43	2158618	333.615	ug/l	99
60) Dibromochloromethane	11.233	129	379010	53.888	ug/l	99
61) 1,2-Dibromoethane	11.339	107	364908	53.907	ug/l	100
64) Tetrachloroethene	10.975	164	295616	42.777	ug/l	98
65) Chlorobenzene	11.763	112	943147	49.325	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	352531	50.578	ug/l	100
67) Ethyl Benzene	11.839	91	1715880	51.272	ug/l	97
68) m/p-Xylenes	11.951	106	1290682	99.844	ug/l	98
69) o-Xylene	12.274	106	646892	51.227	ug/l	98
70) Styrene	12.286	104	1051612	52.373	ug/l	97
71) Bromoform	12.451	173	290265	52.290	ug/l #	99
73) Isopropylbenzene	12.574	105	1666591	57.738	ug/l	100
74) N-amyl acetate	12.386	43	627126	67.968	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	541001	58.981	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	412990m	48.912	ug/l	
77) Bromobenzene	12.857	156	383810	54.317	ug/l	83
78) n-propylbenzene	12.916	91	1873085	57.756	ug/l	99
79) 2-Chlorotoluene	13.004	91	1133183	57.537	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	1354104	57.905	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	163848	62.882	ug/l	90
82) 4-Chlorotoluene	13.098	91	1079037	56.441	ug/l	94
83) tert-Butylbenzene	13.321	119	1232081	55.555	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	1315130	57.131	ug/l	100
85) sec-Butylbenzene	13.498	105	1671565	57.201	ug/l	99
86) p-Isopropyltoluene	13.610	119	1343150	55.989	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	638794	51.068	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	606873	49.519	ug/l	97
89) n-Butylbenzene	13.939	91	1024039	52.321	ug/l	96
90) Hexachloroethane	14.204	117	249576	58.255	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	611903	52.095	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	92416	62.186	ug/l	88
93) 1,2,4-Trichlorobenzene	15.262	180	283044	43.156	ug/l	97
94) Hexachlorobutadiene	15.362	225	179323	41.865	ug/l	98
95) Naphthalene	15.504	128	719222	45.373	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	272303	45.004	ug/l	99

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

