

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022322\
 Data File : VN071031.D
 Acq On : 23 Feb 2022 12:13
 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 24 00:38:35 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 02/24/2022
 Supervised By : Mahesh Dadoda 02/24/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	655488	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1042291	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	970141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	400753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	355930	47.535	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.060%		
35) Dibromofluoromethane	8.016	113	285706	46.085	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	92.160%		
50) Toluene-d8	10.439	98	1143653	45.936	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	91.880%		
62) 4-Bromofluorobenzene	12.727	95	390891	43.924	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	87.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	330329	48.520	ug/l	100
3) Chloromethane	2.299	50	429020	50.134	ug/l	98
4) Vinyl Chloride	2.446	62	405988	47.393	ug/l	99
5) Bromomethane	2.840	94	223087	45.843	ug/l	100
6) Chloroethane	3.010	64	257967	45.902	ug/l	98
7) Trichlorofluoromethane	3.375	101	551891	51.409	ug/l	98
8) Diethyl Ether	3.822	74	232895	49.904	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.210	101	324827	49.317	ug/l	95
10) Methyl Iodide	4.422	142	461100	50.547	ug/l	97
11) Tert butyl alcohol	5.357	59	378302	277.226	ug/l	98
12) 1,1-Dichloroethene	4.187	96	311820	48.591	ug/l	97
13) Acrolein	4.040	56	331204	271.618	ug/l	99
14) Allyl chloride	4.840	41	652099	53.282	ug/l #	87
15) Acrylonitrile	5.545	53	1145071	284.881	ug/l	99
16) Acetone	4.281	43	1006948	244.187	ug/l	93
17) Carbon Disulfide	4.534	76	806465	43.823	ug/l	100
18) Methyl Acetate	4.851	43	520664	57.758	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	1208599	53.690	ug/l	95
20) Methylene Chloride	5.098	84	382249	51.005	ug/l	93
21) trans-1,2-Dichloroethene	5.592	96	332889	48.331	ug/l	93
22) Diisopropyl ether	6.492	45	1349973	57.512	ug/l	92
23) Vinyl Acetate	6.428	43	5749145	289.335	ug/l	99
24) 1,1-Dichloroethane	6.387	63	703618	53.473	ug/l	98
25) 2-Butanone	7.328	43	1553907	283.267	ug/l	98
26) 2,2-Dichloropropane	7.322	77	572805	52.378	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	406892	51.399	ug/l	90
28) Bromochloromethane	7.657	49	264287	49.624	ug/l	86
29) Tetrahydrofuran	7.681	42	1040515	292.796	ug/l	93
30) Chloroform	7.816	83	678348	52.415	ug/l	99
31) Cyclohexane	8.092	56	653579	50.470	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	580487	51.939	ug/l	99
36) 1,1-Dichloropropene	8.222	75	512379	50.446	ug/l	97
37) Ethyl Acetate	7.410	43	632568	58.071	ug/l	99
38) Carbon Tetrachloride	8.204	117	505350	50.496	ug/l	99
39) Methylcyclohexane	9.457	83	637695	48.793	ug/l	95
40) Benzene	8.457	78	1554073	51.726	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	335781	58.528	ug/l #	85
42) 1,2-Dichloroethane	8.528	62	537905	52.569	ug/l	97
43) Isopropyl Acetate	8.557	43	977352	56.923	ug/l	99
44) Trichloroethene	9.216	130	381253	48.190	ug/l	95
45) 1,2-Dichloropropane	9.486	63	416821	54.161	ug/l	96
46) Dibromomethane	9.575	93	259446	51.227	ug/l	98
47) Bromodichloromethane	9.757	83	537928	52.553	ug/l	99
48) Methyl methacrylate	9.557	41	476668	58.652	ug/l #	83
49) 1,4-Dioxane	9.563	88	168554	1167.711	ug/l	92
51) 4-Methyl-2-Pentanone	10.327	43	3100808	296.827	ug/l	98
52) Toluene	10.504	92	988259	52.348	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	593851	53.355	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	659179	53.929	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	383685	51.921	ug/l	98
56) Ethyl methacrylate	10.757	69	646638	58.077	ug/l #	91
57) 1,3-Dichloropropane	11.039	76	691389	54.089	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	548528	225.107	ug/l	96
59) 2-Hexanone	11.080	43	2161838	300.898	ug/l	98
60) Dibromochloromethane	11.233	129	408293	52.281	ug/l	99
61) 1,2-Dibromoethane	11.345	107	394991	52.550	ug/l	99
64) Tetrachloroethene	10.974	164	343594	45.476	ug/l	96
65) Chlorobenzene	11.769	112	1049941	50.224	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	385979	50.651	ug/l	99
67) Ethyl Benzene	11.839	91	1903042	52.012	ug/l	98
68) m/p-Xylenes	11.951	106	1441866	102.021	ug/l	99
69) o-Xylene	12.274	106	713042	51.647	ug/l	98
70) Styrene	12.292	104	1151726	52.465	ug/l	98
71) Bromoform	12.457	173	310520	51.165	ug/l #	99
73) Isopropylbenzene	12.574	105	1855095	57.509	ug/l	100
74) N-amyl acetate	12.386	43	668064	64.791	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.821	83	586319	57.199	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	464394m	49.216	ug/l	
77) Bromobenzene	12.857	156	427866	54.183	ug/l	85
78) n-propylbenzene	12.916	91	2056239	56.735	ug/l	98
79) 2-Chlorotoluene	13.004	91	1258841	57.195	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	1465391	56.074	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	170548	58.570	ug/l	91
82) 4-Chlorotoluene	13.104	91	1197994	56.073	ug/l	95
83) tert-Butylbenzene	13.321	119	1341828	54.141	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	1436941	55.858	ug/l	100
85) sec-Butylbenzene	13.498	105	1821020	55.762	ug/l	100
86) p-Isopropyltoluene	13.610	119	1489316	55.553	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	721524	51.616	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	695524	50.784	ug/l	98
89) n-Butylbenzene	13.939	91	1127633	51.555	ug/l	96
90) Hexachloroethane	14.210	117	276603	57.773	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	695870	53.013	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	98612	59.376	ug/l	90
93) 1,2,4-Trichlorobenzene	15.262	180	333844	45.438	ug/l	98
94) Hexachlorobutadiene	15.362	225	201437	42.082	ug/l	99
95) Naphthalene	15.504	128	844328	47.412	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	321296	47.376	ug/l	98

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

