

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032323\
 Data File : VN077140.D
 Acq On : 23 Mar 2023 11:06
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/24/2023
 Supervised By :Mahesh Dadoda 03/24/2023

Quant Time: Mar 24 01:32:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	377517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	657864	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	593571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	295074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	306105	50.762	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.520%			
35) Dibromofluoromethane	8.172	113	235556	51.129	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.260%			
50) Toluene-d8	10.572	98	870672	52.905	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.820%			
62) 4-Bromofluorobenzene	12.854	95	313097	53.839	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.680%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	138461	38.552	ug/l	99
3) Chloromethane	2.372	50	205278	53.968	ug/l	97
4) Vinyl Chloride	2.525	62	260060	63.342	ug/l	100
5) Bromomethane	2.960	94	243450	87.786	ug/l	96
6) Chloroethane	3.131	64	279209	107.474	ug/l	99
7) Trichlorofluoromethane	3.507	101	400621	45.358	ug/l	100
8) Diethyl Ether	3.972	74	145246	43.695	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.384	101	212084	42.330	ug/l	97
10) Methyl Iodide	4.601	142	247976	43.943	ug/l	95
11) Tert butyl alcohol	5.531	59	191446	217.874	ug/l	100
12) 1,1-Dichloroethene	4.354	96	194544	42.446	ug/l	94
13) Acrolein	4.190	56	229514	211.178	ug/l	97
14) Allyl chloride	5.037	41	395818	47.173	ug/l	95
15) Acrylonitrile	5.731	53	620209	209.955	ug/l	96
16) Acetone	4.437	43	716718	266.745	ug/l	96
17) Carbon Disulfide	4.725	76	495685	37.090	ug/l	99
18) Methyl Acetate	5.037	43	444111	43.832	ug/l	100
19) Methyl tert-butyl Ether	5.801	73	735937	44.739	ug/l	99
20) Methylene Chloride	5.290	84	239834	41.128	ug/l	98
21) trans-1,2-Dichloroethene	5.801	96	212546	42.785	ug/l	99
22) Diisopropyl ether	6.684	45	835358	45.439	ug/l	98
23) Vinyl Acetate	6.613	43	2715626	234.085	ug/l	99
24) 1,1-Dichloroethane	6.578	63	452720	43.035	ug/l	99
25) 2-Butanone	7.489	43	934100	237.651	ug/l	98
26) 2,2-Dichloropropane	7.495	77	371376	46.918	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	250233	43.980	ug/l	99
28) Bromochloromethane	7.819	49	196306	42.969	ug/l	99
29) Tetrahydrofuran	7.842	42	576248	226.243	ug/l	97
30) Chloroform	7.972	83	452106	44.279	ug/l	99
31) Cyclohexane	8.260	56	384040	38.925	ug/l	96
32) 1,1,1-Trichloroethane	8.172	97	389072	44.583	ug/l	98
36) 1,1-Dichloropropene	8.378	75	326873	45.425	ug/l	99
37) Ethyl Acetate	7.566	43	354658	46.065	ug/l	96
38) Carbon Tetrachloride	8.366	117	327638	46.745	ug/l	97
39) Methylcyclohexane	9.607	83	401479	47.666	ug/l	99
40) Benzene	8.613	78	970442	44.468	ug/l	100

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41) Methacrylonitrile	7.789	41	200832	48.421	ug/l	98
42) 1,2-Dichloroethane	8.678	62	365909	46.400	ug/l	100
43) Isopropyl Acetate	8.695	43	676212	56.223	ug/l	93
44) Trichloroethene	9.360	130	227285	45.341	ug/l	92
45) 1,2-Dichloropropane	9.630	63	264337	45.605	ug/l	97
46) Dibromomethane	9.713	93	170159	46.549	ug/l	97
47) Bromodichloromethane	9.889	83	355918	46.423	ug/l	99
48) Methyl methacrylate	9.683	41	284663	49.508	ug/l	93
49) 1,4-Dioxane	9.701	88	89492	911.266	ug/l	95
51) 4-Methyl-2-Pentanone	10.448	43	1822064	243.277	ug/l	97
52) Toluene	10.636	92	608534	46.702	ug/l	98
53) t-1,3-Dichloropropene	10.842	75	380798	50.677	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	406070	47.896	ug/l	94
55) 1,1,2-Trichloroethane	11.019	97	237955	46.310	ug/l	100
56) Ethyl methacrylate	10.877	69	373870	48.388	ug/l #	89
57) 1,3-Dichloropropane	11.166	76	431695	45.890	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	744662	226.066	ug/l	100
59) 2-Hexanone	11.201	43	1368402	251.899	ug/l	95
60) Dibromochloromethane	11.360	129	256475	49.691	ug/l	100
61) 1,2-Dibromoethane	11.472	107	236990	46.511	ug/l	99
64) Tetrachloroethene	11.107	164	187932	47.175	ug/l	99
65) Chlorobenzene	11.895	112	641894	47.000	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.966	131	237016	46.901	ug/l	99
67) Ethyl Benzene	11.966	91	1178996	47.527	ug/l	96
68) m/p-Xylenes	12.077	106	916016	99.566	ug/l	95
69) o-Xylene	12.401	106	442873	48.447	ug/l	98
70) Styrene	12.413	104	734870	51.635	ug/l	99
71) Bromoform	12.583	173	177894	51.949	ug/l	97
73) Isopropylbenzene	12.701	105	1180114	44.628	ug/l	100
74) N-amyl acetate	12.501	43	520650	45.488	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	371456	38.773	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	282652m	37.033	ug/l	
77) Bromobenzene	12.983	156	262851	44.373	ug/l	88
78) n-propylbenzene	13.042	91	1399646	45.850	ug/l	99
79) 2-Chlorotoluene	13.130	91	820616	42.188	ug/l	96
80) 1,3,5-Trimethylbenzene	13.177	105	1008703	45.688	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.742	75	129157	46.579	ug/l	95
82) 4-Chlorotoluene	13.224	91	808387	43.705	ug/l	96
83) tert-Butylbenzene	13.442	119	845888	45.633	ug/l	97
84) 1,2,4-Trimethylbenzene	13.483	105	1003183	45.533	ug/l	99
85) sec-Butylbenzene	13.618	105	1261359	47.836	ug/l	98
86) p-Isopropyltoluene	13.736	119	1030518	48.666	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	508153	45.388	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	496297	44.555	ug/l	98
89) n-Butylbenzene	14.060	91	906037	48.773	ug/l	99
90) Hexachloroethane	14.336	117	188238	43.723	ug/l	95
91) 1,2-Dichlorobenzene	14.107	146	502824	45.057	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	70455	39.689	ug/l	96
93) 1,2,4-Trichlorobenzene	15.395	180	252505	50.052	ug/l	98
94) Hexachlorobutadiene	15.507	225	132136	47.560	ug/l	99
95) Naphthalene	15.648	128	810125	41.655	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	244724	48.345	ug/l	97

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

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