

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020223\
 Data File : VN076502.D
 Acq On : 02 Feb 2023 10:45
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 03 00:53:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/03/2023
 Supervised By : Mahesh Dadoda 02/03/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	446835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	750053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	695606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	403570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	266616	53.290	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.580%			
35) Dibromofluoromethane	8.171	113	233523	49.772	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.540%			
50) Toluene-d8	10.565	98	866542	50.009	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.020%			
62) 4-Bromofluorobenzene	12.847	95	324419	57.351	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	202635	44.253	ug/l	97
3) Chloromethane	2.377	50	265884	56.083	ug/l	97
4) Vinyl Chloride	2.530	62	267467	46.010	ug/l	99
5) Bromomethane	2.960	94	179326	37.669	ug/l	94
6) Chloroethane	3.124	64	159061	36.490	ug/l	95
7) Trichlorofluoromethane	3.513	101	480334	60.059	ug/l	96
8) Diethyl Ether	3.977	74	137239	51.161	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.383	101	226936	50.124	ug/l	97
10) Methyl Iodide	4.601	142	332609	48.095	ug/l	97
11) Tert butyl alcohol	5.536	59	159892	238.930	ug/l	100
12) 1,1-Dichloroethene	4.360	96	201965	47.190	ug/l	92
13) Acrolein	4.189	56	173113	216.309	ug/l	100
14) Allyl chloride	5.036	41	250332	50.192	ug/l	96
15) Acrylonitrile	5.730	53	452195	237.455	ug/l	99
16) Acetone	4.436	43	360895	225.010	ug/l	100
17) Carbon Disulfide	4.724	76	424948	39.877	ug/l	97
18) Methyl Acetate	5.036	43	263150	48.414	ug/l	100
19) Methyl tert-butyl Ether	5.807	73	744953	53.466	ug/l	99
20) Methylene Chloride	5.289	84	239605	50.493	ug/l	99
21) trans-1,2-Dichloroethene	5.795	96	220443	47.545	ug/l	96
22) Diisopropyl ether	6.683	45	667979	56.792	ug/l	97
23) Vinyl Acetate	6.612	43	2008517	264.223	ug/l	99
24) 1,1-Dichloroethane	6.577	63	405334	51.700	ug/l	98
25) 2-Butanone	7.489	43	553834	226.094	ug/l	97
26) 2,2-Dichloropropane	7.501	77	302511	45.780	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	279913	51.762	ug/l	100
28) Bromochloromethane	7.818	49	168627	53.064	ug/l	98
29) Tetrahydrofuran	7.842	42	372988	246.712	ug/l	97
30) Chloroform	7.971	83	468901	54.051	ug/l	97
31) Cyclohexane	8.259	56	336061	43.726	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	425941	53.778	ug/l	97
36) 1,1-Dichloropropene	8.377	75	322970	48.443	ug/l	99
37) Ethyl Acetate	7.565	43	242069	45.270	ug/l	99
38) Carbon Tetrachloride	8.365	117	373280	50.207	ug/l	98
39) Methylcyclohexane	9.600	83	384879	47.273	ug/l	96
40) Benzene	8.612	78	976880	49.002	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	130821	46.722	ug/l	95
42) 1,2-Dichloroethane	8.671	62	351871	51.587	ug/l	99
43) Isopropyl Acetate	8.695	43	421411	48.441	ug/l	98
44) Trichloroethene	9.353	130	261858	46.442	ug/l	98
45) 1,2-Dichloropropane	9.624	63	243120	50.936	ug/l	95
46) Dibromomethane	9.712	93	178009	49.396	ug/l	98
47) Bromodichloromethane	9.889	83	380410	54.427	ug/l	97
48) Methyl methacrylate	9.683	41	202591	49.191	ug/l	95
49) 1,4-Dioxane	9.694	88	76029	874.879	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	1260722	246.865	ug/l	100
52) Toluene	10.630	92	670917	50.325	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	360045	54.037	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	394083	51.410	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	261616	51.339	ug/l	98
56) Ethyl methacrylate	10.877	69	367261	55.825	ug/l	96
57) 1,3-Dichloropropane	11.165	76	428540	51.749	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	498756	224.568	ug/l	100
59) 2-Hexanone	11.194	43	892167	241.076	ug/l	100
60) Dibromochloromethane	11.359	129	298964	55.732	ug/l	99
61) 1,2-Dibromoethane	11.471	107	260349	51.185	ug/l	99
64) Tetrachloroethene	11.106	164	257653	41.073	ug/l	98
65) Chlorobenzene	11.894	112	717932	48.825	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	281619	51.476	ug/l	99
67) Ethyl Benzene	11.965	91	1318918	52.409	ug/l	99
68) m/p-Xylenes	12.071	106	1025450	101.618	ug/l	97
69) o-Xylene	12.400	106	510508	51.515	ug/l	96
70) Styrene	12.412	104	851095	53.788	ug/l	98
71) Bromoform	12.583	173	203133	51.414	ug/l #	100
73) Isopropylbenzene	12.694	105	1362434	43.639	ug/l	100
74) N-amyl acetate	12.494	43	371647	41.384	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	352106	39.232	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	342706m	46.548	ug/l	
77) Bromobenzene	12.983	156	310580	42.466	ug/l	95
78) n-propylbenzene	13.035	91	1541356	43.755	ug/l	99
79) 2-Chlorotoluene	13.130	91	936457	43.321	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	1164184	44.511	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	92080	37.963	ug/l	96
82) 4-Chlorotoluene	13.130	91	936457	43.321	ug/l	98
83) tert-Butylbenzene	13.441	119	1211404	52.075	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	1370203	52.245	ug/l	98
85) sec-Butylbenzene	13.618	105	1715966	53.161	ug/l	100
86) p-Isopropyltoluene	13.730	119	1464413	55.171	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	705827	47.966	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	693006	49.509	ug/l	99
89) n-Butylbenzene	14.059	91	1156964	54.908	ug/l	99
90) Hexachloroethane	14.335	117	240626	52.525	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	695025	47.422	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	69618	44.624	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	327308	46.317	ug/l	98
94) Hexachlorobutadiene	15.506	225	185904	47.799	ug/l	99
95) Naphthalene	15.641	128	870332	41.819	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	311585	46.247	ug/l	98

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

