

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021623\
 Data File : VN076727.D
 Acq On : 16 Feb 2023 21:29
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 17 00:20:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/17/2023
 Supervised By : Mahesh Dadoda 02/18/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	382979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	684076	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	622000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	316681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	265591	50.222	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.440%			
35) Dibromofluoromethane	8.172	113	212059	47.336	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.680%			
50) Toluene-d8	10.572	98	840811	50.257	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.520%			
62) 4-Bromofluorobenzene	12.854	95	285209	51.471	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	172648	42.455	ug/l	96
3) Chloromethane	2.378	50	213934	40.322	ug/l	96
4) Vinyl Chloride	2.525	62	233953	44.804	ug/l	98
5) Bromomethane	2.943	94	138455	43.761	ug/l	96
6) Chloroethane	3.119	64	166302	50.395	ug/l	98
7) Trichlorofluoromethane	3.501	101	290360	40.869	ug/l	93
8) Diethyl Ether	3.972	74	124303	45.404	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.378	101	170051	40.735	ug/l	98
10) Methyl Iodide	4.601	142	240718	46.693	ug/l	96
11) Tert butyl alcohol	5.537	59	175708	251.713	ug/l	100
12) 1,1-Dichloroethene	4.348	96	166043	42.004	ug/l	90
13) Acrolein	4.190	56	261892	249.900	ug/l	99
14) Allyl chloride	5.031	41	307490	44.893	ug/l	99
15) Acrylonitrile	5.731	53	599382	241.947	ug/l	100
16) Acetone	4.442	43	480196	203.279	ug/l	94
17) Carbon Disulfide	4.719	76	403767	38.686	ug/l	97
18) Methyl Acetate	5.037	43	380161	49.303	ug/l	99
19) Methyl tert-butyl Ether	5.807	73	656052	49.226	ug/l	100
20) Methylene Chloride	5.290	84	211958	42.812	ug/l	98
21) trans-1,2-Dichloroethene	5.801	96	190345	42.776	ug/l #	89
22) Diisopropyl ether	6.684	45	791997	49.299	ug/l	99
23) Vinyl Acetate	6.613	43	2608114	274.388	ug/l	99
24) 1,1-Dichloroethane	6.578	63	385645	43.800	ug/l	97
25) 2-Butanone	7.495	43	826943	237.320	ug/l	98
26) 2,2-Dichloropropane	7.495	77	270663	42.619	ug/l	99
27) cis-1,2-Dichloroethene	7.501	96	234559	44.442	ug/l	99
28) Bromochloromethane	7.819	49	192402	45.914	ug/l	96
29) Tetrahydrofuran	7.848	42	571617	251.083	ug/l	100
30) Chloroform	7.972	83	412977	46.946	ug/l	93
31) Cyclohexane	8.266	56	352365	42.476	ug/l	88
32) 1,1,1-Trichloroethane	8.178	97	340954	46.097	ug/l	98
36) 1,1-Dichloropropene	8.378	75	282595	43.660	ug/l	99
37) Ethyl Acetate	7.572	43	345707	50.763	ug/l	98
38) Carbon Tetrachloride	8.366	117	287443	44.022	ug/l	94
39) Methylcyclohexane	9.607	83	344231	46.787	ug/l	97
40) Benzene	8.613	78	922632	46.417	ug/l	99

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41) Methacrylonitrile	7.783	41	193717	49.102	ug/l	97
42) 1,2-Dichloroethane	8.678	62	315258	45.475	ug/l	99
43) Isopropyl Acetate	8.695	43	635062	57.308	ug/l	95
44) Trichloroethene	9.360	130	212076	45.149	ug/l	90
45) 1,2-Dichloropropane	9.625	63	242193	46.028	ug/l	100
46) Dibromomethane	9.713	93	158905	47.238	ug/l	98
47) Bromodichloromethane	9.895	83	311798	46.231	ug/l #	99
48) Methyl methacrylate	9.689	41	274879	52.273	ug/l	96
49) 1,4-Dioxane	9.701	88	98207	1079.640	ug/l	96
51) 4-Methyl-2-Pentanone	10.448	43	1799390	255.208	ug/l	100
52) Toluene	10.636	92	594599	49.547	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	333835	51.283	ug/l	100
54) cis-1,3-Dichloropropene	10.319	75	359115	47.826	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	235206	48.199	ug/l	96
56) Ethyl methacrylate	10.877	69	364946	53.131	ug/l	98
57) 1,3-Dichloropropane	11.166	76	403517	48.131	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	825735	262.493	ug/l	99
59) 2-Hexanone	11.201	43	1322606	260.162	ug/l	99
60) Dibromochloromethane	11.360	129	243927	47.429	ug/l	99
61) 1,2-Dibromoethane	11.471	107	238364	48.800	ug/l	98
64) Tetrachloroethene	11.107	164	179281	45.737	ug/l	93
65) Chlorobenzene	11.895	112	625378	47.442	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.966	131	229718	47.978	ug/l	99
67) Ethyl Benzene	11.966	91	1124926	50.091	ug/l	99
68) m/p-Xylenes	12.071	106	876057	101.204	ug/l	97
69) o-Xylene	12.401	106	436188	51.666	ug/l	100
70) Styrene	12.413	104	720629	52.785	ug/l	99
71) Bromoform	12.583	173	174826	49.778	ug/l #	96
73) Isopropylbenzene	12.701	105	1136332	48.956	ug/l	100
74) N-amyl acetate	12.501	43	525249	50.203	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	370469	44.093	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	348476m	54.429	ug/l	
77) Bromobenzene	12.983	156	267121	46.125	ug/l	100
78) n-propylbenzene	13.042	91	1337115	49.057	ug/l	100
79) 2-Chlorotoluene	13.130	91	785354	47.059	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	960009	50.045	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	115922	52.735	ug/l	92
82) 4-Chlorotoluene	13.130	91	785354	47.059	ug/l	100
83) tert-Butylbenzene	13.442	119	853224	49.167	ug/l	99
84) 1,2,4-Trimethylbenzene	13.489	105	953538	49.876	ug/l	100
85) sec-Butylbenzene	13.618	105	1222938	50.476	ug/l	100
86) p-Isopropyltoluene	13.736	119	1020401	52.742	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	510578	46.640	ug/l	100
88) 1,4-Dichlorobenzene	13.818	146	513965	47.146	ug/l	97
89) n-Butylbenzene	14.060	91	864145	51.355	ug/l	100
90) Hexachloroethane	14.336	117	179660	44.351	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	532609	47.457	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	69407	42.639	ug/l	95
93) 1,2,4-Trichlorobenzene	15.395	180	283997	50.730	ug/l	99
94) Hexachlorobutadiene	15.506	225	129709	47.274	ug/l	99
95) Naphthalene	15.642	128	973813	57.323	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	292637	53.955	ug/l	100

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

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