

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
 Data File : VN077918.D
 Acq On : 26 May 2023 10:35
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: May 29 00:21:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/30/2023
 Supervised By : Mahesh Dadoda 05/30/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	424179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	744883	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	653739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	279017	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	287782	45.343	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 90.680%			
35) Dibromofluoromethane	8.177	113	254146	52.323	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.640%			
50) Toluene-d8	10.570	98	957659	51.222	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.440%			
62) 4-Bromofluorobenzene	12.853	95	328266	49.714	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	207187	42.919	ug/l	98
3) Chloromethane	2.371	50	227227	44.186	ug/l	99
4) Vinyl Chloride	2.524	62	290783	47.776	ug/l	99
5) Bromomethane	2.959	94	214924	47.746	ug/l	99
6) Chloroethane	3.130	64	207033	47.200	ug/l	98
7) Trichlorofluoromethane	3.506	101	424481	50.044	ug/l	97
8) Diethyl Ether	3.971	74	150024	48.449	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.377	101	239243	50.967	ug/l	98
10) Methyl Iodide	4.600	142	328413	58.665	ug/l	98
11) Tert butyl alcohol	5.530	59	176482	201.482	ug/l	100
12) 1,1-Dichloroethene	4.353	96	224029	50.215	ug/l	89
13) Acrolein	4.189	56	126970	230.798	ug/l	96
14) Allyl chloride	5.036	41	307433	46.908	ug/l	94
15) Acrylonitrile	5.730	53	509731	217.822	ug/l	98
16) Acetone	4.436	43	524897	262.871	ug/l	99
17) Carbon Disulfide	4.724	76	560594	46.635	ug/l	99
18) Methyl Acetate	5.036	43	366705	43.776	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	790622	48.959	ug/l	99
20) Methylene Chloride	5.283	84	270438	52.119	ug/l	96
21) trans-1,2-Dichloroethene	5.794	96	254564	50.796	ug/l	87
22) Diisopropyl ether	6.677	45	759192	49.419	ug/l	92
23) Vinyl Acetate	6.612	43	2548140m	267.715	ug/l	
24) 1,1-Dichloroethane	6.577	63	481163	51.125	ug/l	99
25) 2-Butanone	7.488	43	699251	223.862	ug/l	89
26) 2,2-Dichloropropane	7.500	77	423724	52.993	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	308939	51.413	ug/l	92
28) Bromochloromethane	7.818	49	191593	47.071	ug/l	90
29) Tetrahydrofuran	7.841	42	424261	207.433	ug/l	85
30) Chloroform	7.977	83	523566	50.571	ug/l	95
31) Cyclohexane	8.265	56	409558	47.479	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	465886	52.929	ug/l	97
36) 1,1-Dichloropropene	8.377	75	394656	55.550	ug/l	97
37) Ethyl Acetate	7.571	43	276342	43.640	ug/l	94
38) Carbon Tetrachloride	8.371	117	403153	56.196	ug/l	99
39) Methylcyclohexane	9.606	83	442528	50.878	ug/l	92
40) Benzene	8.612	78	1127667	53.787	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	148657	44.081	ug/l	94
42) 1,2-Dichloroethane	8.676	62	391184	51.365	ug/l	99
43) Isopropyl Acetate	8.694	43	489534	47.329	ug/l	96
44) Trichloroethene	9.359	130	298729	56.273	ug/l	98
45) 1,2-Dichloropropane	9.629	63	290451	54.314	ug/l	94
46) Dibromomethane	9.718	93	197930	51.725	ug/l	96
47) Bromodichloromethane	9.894	83	406041	55.424	ug/l	92
48) Methyl methacrylate	9.688	41	239391	48.816	ug/l	86
49) 1,4-Dioxane	9.700	88	89175	962.784	ug/l #	91
51) 4-Methyl-2-Pentanone	10.453	43	1437500	233.810	ug/l	93
52) Toluene	10.635	92	738129	56.553	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	433945	55.935	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	467205	54.648	ug/l	98
55) 1,1,2-Trichloroethane	11.023	97	275354	53.132	ug/l	96
56) Ethyl methacrylate	10.882	69	397059	50.673	ug/l	91
57) 1,3-Dichloropropane	11.170	76	471383	53.058	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	779526	202.217	ug/l	93
59) 2-Hexanone	11.200	43	1014709	223.134	ug/l	93
60) Dibromochloromethane	11.365	129	308670	57.695	ug/l	99
61) 1,2-Dibromoethane	11.476	107	279461	54.054	ug/l	97
64) Tetrachloroethene	11.112	164	289944	63.421	ug/l	99
65) Chlorobenzene	11.900	112	780911	55.101	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	289627	59.062	ug/l	97
67) Ethyl Benzene	11.970	91	1422753	56.020	ug/l	100
68) m/p-Xylenes	12.076	106	1096566	113.949	ug/l	100
69) o-Xylene	12.406	106	529258	55.923	ug/l	97
70) Styrene	12.417	104	855626	56.912	ug/l	98
71) Bromoform	12.582	173	186443	57.153	ug/l #	98
73) Isopropylbenzene	12.700	105	1393294	57.930	ug/l	99
74) N-amyl acetate	12.500	43	401870	45.204	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	356303	48.155	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	308214m	44.109	ug/l	
77) Bromobenzene	12.988	156	301138	54.865	ug/l	97
78) n-propylbenzene	13.041	91	1589563	56.059	ug/l	100
79) 2-Chlorotoluene	13.129	91	944713	55.834	ug/l	97
80) 1,3,5-Trimethylbenzene	13.182	105	1171942	57.976	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	104024	47.586	ug/l	90
82) 4-Chlorotoluene	13.229	91	915958	54.409	ug/l	99
83) tert-Butylbenzene	13.447	119	974763	55.237	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	1163104	58.505	ug/l	98
85) sec-Butylbenzene	13.623	105	1354741	54.018	ug/l	100
86) p-Isopropyltoluene	13.735	119	1138302	56.932	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	544003	53.594	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	525589	52.180	ug/l	98
89) n-Butylbenzene	14.064	91	937341	50.970	ug/l	99
90) Hexachloroethane	14.341	117	188180	57.292	ug/l	90
91) 1,2-Dichlorobenzene	14.111	146	531491	56.049	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	60419	42.178	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	235909	42.572	ug/l	99
94) Hexachlorobutadiene	15.511	225	96019	41.733	ug/l	98
95) Naphthalene	15.647	128	701861	36.797	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	230275	42.442	ug/l	97

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

