

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052224\
 Data File : VN082282.D
 Acq On : 22 May 2024 10:25
 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 23 01:47:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/23/2024
 Supervised By : Mahesh Dadoda 05/23/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	242872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	410694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	369969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	175281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	180811	47.147	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.300%		
35) Dibromofluoromethane	8.165	113	124626	49.329	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.660%		
50) Toluene-d8	10.571	98	468806	48.400	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.800%		
62) 4-Bromofluorobenzene	12.847	95	178137	51.527	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	103.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	153093	43.721	ug/l	99
3) Chloromethane	2.365	50	154105	38.833	ug/l	99
4) Vinyl Chloride	2.518	62	154386	41.383	ug/l	95
5) Bromomethane	2.953	94	84045	39.193	ug/l	100
6) Chloroethane	3.124	64	100700	41.338	ug/l	100
7) Trichlorofluoromethane	3.500	101	235863	48.281	ug/l	99
8) Diethyl Ether	3.959	74	85639	49.209	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.371	101	130401	45.695	ug/l	98
10) Methyl Iodide	4.589	142	143800	50.125	ug/l	94
11) Tert butyl alcohol	5.518	59	144131	234.129	ug/l	100
12) 1,1-Dichloroethene	4.341	96	124876	47.079	ug/l #	74
13) Acrolein	4.177	56	82736	181.365	ug/l	99
14) Allyl chloride	5.024	41	251237	44.241	ug/l #	90
15) Acrylonitrile	5.718	53	372048	233.355	ug/l	99
16) Acetone	4.424	43	329695	209.571	ug/l	92
17) Carbon Disulfide	4.718	76	340572	39.754	ug/l	97
18) Methyl Acetate	5.024	43	180529	46.079	ug/l #	86
19) Methyl tert-butyl Ether	5.794	73	481108	49.623	ug/l	94
20) Methylene Chloride	5.277	84	141910	44.709	ug/l #	76
21) trans-1,2-Dichloroethene	5.783	96	132592	45.871	ug/l #	78
22) Diisopropyl ether	6.671	45	550390	46.414	ug/l #	91
23) Vinyl Acetate	6.600	43	2214642	236.875	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	278312	45.534	ug/l	98
25) 2-Butanone	7.482	43	540897	226.772	ug/l #	84
26) 2,2-Dichloropropane	7.494	77	244641	47.786	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	161960	47.478	ug/l	82
28) Bromochloromethane	7.812	49	121077	45.384	ug/l #	79
29) Tetrahydrofuran	7.835	42	363823	237.570	ug/l #	83
30) Chloroform	7.971	83	281790	48.279	ug/l	99
31) Cyclohexane	8.259	56	252058	41.152	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	253235	48.904	ug/l	92
36) 1,1-Dichloropropene	8.371	75	196362	46.343	ug/l	96
37) Ethyl Acetate	7.559	43	229487	48.395	ug/l #	93
38) Carbon Tetrachloride	8.365	117	216347	50.369	ug/l	99
39) Methylcyclohexane	9.600	83	223449	48.111	ug/l #	83
40) Benzene	8.606	78	599723	47.464	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	129540	46.450	ug/l #	87
42) 1,2-Dichloroethane	8.671	62	234835	48.325	ug/l	94
43) Isopropyl Acetate	8.688	43	412922	49.144	ug/l #	89
44) Trichloroethene	9.353	130	140270	48.872	ug/l	98
45) 1,2-Dichloropropane	9.624	63	150642	46.208	ug/l	94
46) Dibromomethane	9.712	93	103221	48.227	ug/l	99
47) Bromodichloromethane	9.888	83	223418	49.446	ug/l	98
48) Methyl methacrylate	9.682	41	195477	48.824	ug/l #	81
49) 1,4-Dioxane	9.694	88	55709	992.975	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	1179084	246.983	ug/l	90
52) Toluene	10.635	92	374596	49.402	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	241338	51.644	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	248590	50.256	ug/l #	78
55) 1,1,2-Trichloroethane	11.018	97	135950	49.337	ug/l	99
56) Ethyl methacrylate	10.876	69	250586	53.563	ug/l #	74
57) 1,3-Dichloropropane	11.165	76	246531	47.851	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	587543	243.482	ug/l	92
59) 2-Hexanone	11.194	43	875708	250.523	ug/l	90
60) Dibromochloromethane	11.359	129	163845	53.880	ug/l	100
61) 1,2-Dibromoethane	11.470	107	139986	49.460	ug/l	100
64) Tetrachloroethene	11.106	164	139769	50.970	ug/l	96
65) Chlorobenzene	11.894	112	401147	49.081	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	138755	51.540	ug/l	99
67) Ethyl Benzene	11.965	91	735562	50.310	ug/l	98
68) m/p-Xylenes	12.070	106	546444	101.976	ug/l	93
69) o-Xylene	12.400	106	267975	51.626	ug/l	92
70) Styrene	12.412	104	458747	53.208	ug/l	95
71) Bromoform	12.582	173	107575	50.237	ug/l #	98
73) Isopropylbenzene	12.694	105	701344	50.365	ug/l	98
74) N-amyl acetate	12.494	43	364677	47.610	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	186325	46.418	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	184298m	49.955	ug/l	
77) Bromobenzene	12.982	156	160080	48.238	ug/l	88
78) n-propylbenzene	13.035	91	830792	50.383	ug/l	96
79) 2-Chlorotoluene	13.129	91	499699	48.259	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	582335	51.718	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	73724	46.741	ug/l #	72
82) 4-Chlorotoluene	13.223	91	503642	49.748	ug/l	93
83) tert-Butylbenzene	13.441	119	494002	50.149	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	583260	50.632	ug/l	98
85) sec-Butylbenzene	13.617	105	700571	51.310	ug/l	98
86) p-Isopropyltoluene	13.729	119	585854	52.797	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	295417	49.136	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	298682	48.676	ug/l	97
89) n-Butylbenzene	14.059	91	516064	51.743	ug/l	98
90) Hexachloroethane	14.335	117	103808	50.493	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	286240	50.297	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	42000	50.926	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	161229	50.542	ug/l	98
94) Hexachlorobutadiene	15.500	225	65390	46.716	ug/l	96
95) Naphthalene	15.641	128	532459	53.262	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	159487	49.942	ug/l	97

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

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