

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120123\
 Data File : VN080324.D
 Acq On : 01 Dec 2023 16:34
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/04/2023
 Supervised By : Semsettin Yesilyurt 12/04/2023

Quant Time: Dec 01 22:35:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	216238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	328931	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	299188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	148195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	167973	47.046	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.100%		
35) Dibromofluoromethane	8.165	113	124198	51.172	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.340%		
50) Toluene-d8	10.571	98	435171	49.739	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.480%		
62) 4-Bromofluorobenzene	12.853	95	166901	50.504	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	163949	50.900	ug/l	97
3) Chloromethane	2.365	50	106791	44.098	ug/l	99
4) Vinyl Chloride	2.518	62	122513	47.805	ug/l	97
5) Bromomethane	2.947	94	81078	46.603	ug/l	95
6) Chloroethane	3.118	64	81405	51.474	ug/l	99
7) Trichlorofluoromethane	3.500	101	283928	53.110	ug/l	99
8) Diethyl Ether	3.959	74	75762	48.729	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	124852	51.095	ug/l	94
10) Methyl Iodide	4.589	142	144269	54.632	ug/l #	85
11) Tert butyl alcohol	5.518	59	90584	230.707	ug/l	97
12) 1,1-Dichloroethene	4.342	96	117023	51.203	ug/l	84
13) Acrolein	4.177	56	97916	281.791	ug/l	99
14) Allyl chloride	5.018	41	137161	47.701	ug/l	91
15) Acrylonitrile	5.718	53	235916	223.820	ug/l	99
16) Acetone	4.424	43	221940	185.070	ug/l	93
17) Carbon Disulfide	4.712	76	320337	46.941	ug/l	99
18) Methyl Acetate	5.024	43	158824	41.220	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	413488	51.230	ug/l	99
20) Methylene Chloride	5.283	84	131968	52.549	ug/l	95
21) trans-1,2-Dichloroethene	5.788	96	128639	51.234	ug/l	87
22) Diisopropyl ether	6.671	45	315611	49.610	ug/l	98
23) Vinyl Acetate	6.600	43	911858	238.416	ug/l	96
24) 1,1-Dichloroethane	6.571	63	226865	48.961	ug/l	97
25) 2-Butanone	7.482	43	281942	197.879	ug/l	96
26) 2,2-Dichloropropane	7.494	77	240050	52.218	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	144804	50.869	ug/l	88
28) Bromochloromethane	7.818	49	82732	45.417	ug/l	98
29) Tetrahydrofuran	7.835	42	166068	217.097	ug/l	96
30) Chloroform	7.965	83	277148	53.514	ug/l	94
31) Cyclohexane	8.259	56	168318	43.348	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	271496	53.755	ug/l	98
36) 1,1-Dichloropropene	8.371	75	192206	54.698	ug/l	97
37) Ethyl Acetate	7.559	43	108015	44.316	ug/l	97
38) Carbon Tetrachloride	8.365	117	250032	56.071	ug/l	98
39) Methylcyclohexane	9.606	83	186267	54.976	ug/l	93
40) Benzene	8.612	78	525026	52.571	ug/l	100

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41) Methacrylonitrile	7.777	41	60923	45.515	ug/l	93
42) 1,2-Dichloroethane	8.671	62	226084	55.333	ug/l	95
43) Isopropyl Acetate	8.688	43	195432	41.203	ug/l	98
44) Trichloroethene	9.353	130	142775	54.500	ug/l	92
45) 1,2-Dichloropropane	9.624	63	120933	52.106	ug/l	96
46) Dibromomethane	9.712	93	93953	53.478	ug/l #	88
47) Bromodichloromethane	9.888	83	214035	55.384	ug/l	96
48) Methyl methacrylate	9.682	41	121093	49.541	ug/l	93
49) 1,4-Dioxane	9.694	88	37257	916.219	ug/l #	91
51) 4-Methyl-2-Pentanone	10.447	43	567534	231.117	ug/l	100
52) Toluene	10.629	92	345854	55.336	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	212892	53.618	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	223955	55.209	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	124322	52.116	ug/l	98
56) Ethyl methacrylate	10.876	69	130513	53.556	ug/l	94
57) 1,3-Dichloropropane	11.165	76	216561	51.997	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	327078	238.237	ug/l	100
59) 2-Hexanone	11.194	43	418024	211.848	ug/l	97
60) Dibromochloromethane	11.359	129	161643	56.599	ug/l	99
61) 1,2-Dibromoethane	11.470	107	126690	52.059	ug/l	99
64) Tetrachloroethene	11.106	164	150350	65.848	ug/l	98
65) Chlorobenzene	11.894	112	358421	52.869	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	148515	56.452	ug/l	94
67) Ethyl Benzene	11.965	91	673459	55.826	ug/l	94
68) m/p-Xylenes	12.070	106	498655	113.371	ug/l	89
69) o-Xylene	12.400	106	238522	57.542	ug/l	87
70) Styrene	12.412	104	354654	57.483	ug/l	92
71) Bromoform	12.582	173	105767	54.212	ug/l #	100
73) Isopropylbenzene	12.694	105	626840	54.433	ug/l	98
74) N-amyl acetate	12.494	43	162100	45.138	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	147164	42.698	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	173094m	47.671	ug/l	
77) Bromobenzene	12.982	156	150792	51.937	ug/l	94
78) n-propylbenzene	13.035	91	699727	54.338	ug/l	100
79) 2-Chlorotoluene	13.129	91	444751	53.176	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	540932	53.961	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	49937	46.465	ug/l #	87
82) 4-Chlorotoluene	13.223	91	452384	52.798	ug/l	96
83) tert-Butylbenzene	13.441	119	430961	53.609	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	545493	55.263	ug/l	95
85) sec-Butylbenzene	13.617	105	550456	54.128	ug/l	98
86) p-Isopropyltoluene	13.729	119	519552	57.192	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	268869	51.400	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	267617	50.908	ug/l	98
89) n-Butylbenzene	14.059	91	407661	53.614	ug/l	99
90) Hexachloroethane	14.335	117	88308	49.863	ug/l	67
91) 1,2-Dichlorobenzene	14.106	146	252783	50.499	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	34080	42.570	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	136079	46.741	ug/l	96
94) Hexachlorobutadiene	15.506	225	82204	49.065	ug/l	99
95) Naphthalene	15.641	128	347997	41.220	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	127546	46.740	ug/l	99

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

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