

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112123\
 Data File : VN080225.D
 Acq On : 21 Nov 2023 12:10
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 22 00:03:13 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

Manual Integrations APPROVED

Reviewed By : John Carlone 11/22/2023
 Supervised By : Mahesh Dadoda 11/22/2023

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	186161	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	291935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	135860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	165621	53.881	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.760%			
35) Dibromofluoromethane	8.165	113	113156	52.531	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.060%			
50) Toluene-d8	10.571	98	391334	50.397	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.800%			
62) 4-Bromofluorobenzene	12.853	95	155780	53.113	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	129873	46.835	ug/l	100
3) Chloromethane	2.365	50	85111	40.824	ug/l	98
4) Vinyl Chloride	2.512	62	94652	42.901	ug/l	99
5) Bromomethane	2.953	94	71094	47.466	ug/l	99
6) Chloroethane	3.118	64	61592	44.904	ug/l	98
7) Trichlorofluoromethane	3.500	101	221249	48.072	ug/l	97
8) Diethyl Ether	3.965	74	66957	50.023	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	96075	45.671	ug/l	94
10) Methyl Iodide	4.589	142	124220	54.639	ug/l #	77
11) Tert butyl alcohol	5.512	59	87496	258.845	ug/l #	90
12) 1,1-Dichloroethene	4.342	96	91862	46.688	ug/l	87
13) Acrolein	4.171	56	63385	211.886	ug/l	96
14) Allyl chloride	5.024	41	116450	47.041	ug/l #	89
15) Acrylonitrile	5.712	53	216471	238.552	ug/l	99
16) Acetone	4.424	43	205552	199.097	ug/l	92
17) Carbon Disulfide	4.712	76	242760	41.321	ug/l	97
18) Methyl Acetate	5.018	43	148116	44.651	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	384289	55.305	ug/l	99
20) Methylene Chloride	5.277	84	117612	54.399	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	104176	48.195	ug/l #	80
22) Diisopropyl ether	6.671	45	278742	50.894	ug/l	98
23) Vinyl Acetate	6.600	43	843951	256.312	ug/l	94
24) 1,1-Dichloroethane	6.571	63	193837	48.592	ug/l	99
25) 2-Butanone	7.483	43	252415	205.778	ug/l	93
26) 2,2-Dichloropropane	7.488	77	206037	52.061	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	126485	51.612	ug/l	87
28) Bromochloromethane	7.812	49	75489	48.136	ug/l	96
29) Tetrahydrofuran	7.835	42	151975	230.772	ug/l	95
30) Chloroform	7.965	83	240753	53.997	ug/l	94
31) Cyclohexane	8.253	56	133161	39.835	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	228009	52.439	ug/l	98
36) 1,1-Dichloropropene	8.371	75	150707	48.323	ug/l	95
37) Ethyl Acetate	7.559	43	102643	47.449	ug/l	96
38) Carbon Tetrachloride	8.359	117	206882	52.274	ug/l	97
39) Methylcyclohexane	9.600	83	136346	45.342	ug/l #	90
40) Benzene	8.606	78	437345	49.341	ug/l	97

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41) Methacrylonitrile	7.777	41	58173	48.968	ug/l	90
42) 1,2-Dichloroethane	8.671	62	207021	57.088	ug/l	93
43) Isopropyl Acetate	8.688	43	185054	43.960	ug/l	99
44) Trichloroethene	9.353	130	116905	50.280	ug/l	93
45) 1,2-Dichloropropane	9.624	63	104784	50.870	ug/l	97
46) Dibromomethane	9.712	93	84636	54.280	ug/l	90
47) Bromodichloromethane	9.888	83	195019	56.858	ug/l	97
48) Methyl methacrylate	9.682	41	115129	53.070	ug/l	91
49) 1,4-Dioxane	9.694	88	34005	942.221	ug/l #	92
51) 4-Methyl-2-Pentanone	10.447	43	526838	241.733	ug/l	98
52) Toluene	10.629	92	285677	51.500	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	197914	56.162	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	201480	55.962	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	111474	52.652	ug/l	98
56) Ethyl methacrylate	10.876	69	120161	55.556	ug/l	95
57) 1,3-Dichloropropane	11.165	76	193048	52.225	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	313139	256.988	ug/l	99
59) 2-Hexanone	11.194	43	396647	226.488	ug/l	96
60) Dibromochloromethane	11.359	129	146072	57.629	ug/l	100
61) 1,2-Dibromoethane	11.470	107	112566	52.117	ug/l	100
64) Tetrachloroethene	11.106	164	106372	51.568	ug/l	97
65) Chlorobenzene	11.894	112	310385	50.678	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	132725	55.844	ug/l	91
67) Ethyl Benzene	11.965	91	563252	51.683	ug/l	96
68) m/p-Xylenes	12.070	106	416583	104.838	ug/l	88
69) o-Xylene	12.400	106	201593	53.833	ug/l	85
70) Styrene	12.412	104	304708	54.668	ug/l #	91
71) Bromoform	12.582	173	98565	55.922	ug/l #	99
73) Isopropylbenzene	12.700	105	529754	50.179	ug/l	97
74) N-amyl acetate	12.494	43	153556	46.641	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	138659	43.883	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	138607m	41.639	ug/l	
77) Bromobenzene	12.982	156	136876	51.424	ug/l	93
78) n-propylbenzene	13.035	91	586281	49.661	ug/l	98
79) 2-Chlorotoluene	13.129	91	385422	50.266	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	469010	51.034	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	46980	47.683	ug/l #	81
82) 4-Chlorotoluene	13.223	91	393893	50.145	ug/l	98
83) tert-Butylbenzene	13.441	119	365009	49.528	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	480087	53.053	ug/l	96
85) sec-Butylbenzene	13.617	105	453974	48.694	ug/l	99
86) p-Isopropyltoluene	13.729	119	431878	51.857	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	238356	49.704	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	236933	49.163	ug/l	96
89) n-Butylbenzene	14.059	91	336102	48.216	ug/l	99
90) Hexachloroethane	14.335	117	76924	47.378	ug/l	67
91) 1,2-Dichlorobenzene	14.106	146	232891	50.749	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	33392	45.497	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	130532	48.906	ug/l	99
94) Hexachlorobutadiene	15.500	225	68011	44.279	ug/l	99
95) Naphthalene	15.641	128	345215	44.603	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	122400	48.926	ug/l	98

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

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