

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121323\
 Data File : VN080450.D
 Acq On : 13 Dec 2023 09:14
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 14 04:01:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/14/2023
 Supervised By : Mahesh Dadoda 12/14/2023

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	309827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	480210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	420565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	195569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	205120	51.835	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.660%			
35) Dibromofluoromethane	8.165	113	159958	52.536	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.080%			
50) Toluene-d8	10.565	98	583018	51.343	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.680%			
62) 4-Bromofluorobenzene	12.853	95	215951	50.083	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	191090	48.263	ug/l	97
3) Chloromethane	2.359	50	180796	43.178	ug/l	96
4) Vinyl Chloride	2.518	62	150921	44.634	ug/l	100
5) Bromomethane	2.953	94	68866	45.174	ug/l	96
6) Chloroethane	3.124	64	95084	43.762	ug/l	99
7) Trichlorofluoromethane	3.500	101	326954	47.674	ug/l	95
8) Diethyl Ether	3.953	74	95636	44.272	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	154193	47.435	ug/l	96
10) Methyl Iodide	4.583	142	117842	41.215	ug/l	91
11) Tert butyl alcohol	5.500	59	98590	211.544	ug/l	100
12) 1,1-Dichloroethene	4.336	96	151943	45.619	ug/l	94
13) Acrolein	4.171	56	107235	210.105	ug/l	98
14) Allyl chloride	5.018	41	180585	43.822	ug/l	94
15) Acrylonitrile	5.712	53	297510	225.926	ug/l	99
16) Acetone	4.418	43	187111	266.670	ug/l	97
17) Carbon Disulfide	4.706	76	406891	43.106	ug/l	98
18) Methyl Acetate	5.018	43	205852	45.595	ug/l	96
19) Methyl tert-butyl Ether	5.788	73	522980	47.063	ug/l	99
20) Methylene Chloride	5.271	84	167412	44.584	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	165129	45.723	ug/l	85
22) Diisopropyl ether	6.665	45	413635	46.507	ug/l	94
23) Vinyl Acetate	6.600	43	1146287	224.399	ug/l	96
24) 1,1-Dichloroethane	6.565	63	291939	47.046	ug/l	99
25) 2-Butanone	7.477	43	320174	236.870	ug/l	92
26) 2,2-Dichloropropane	7.488	77	296544	46.734	ug/l	97
27) cis-1,2-Dichloroethene	7.482	96	188294	46.061	ug/l	90
28) Bromochloromethane	7.812	49	117120	49.157	ug/l	97
29) Tetrahydrofuran	7.835	42	213798	220.885	ug/l	93
30) Chloroform	7.965	83	322416	46.808	ug/l	97
31) Cyclohexane	8.259	56	235035	43.676	ug/l	93
32) 1,1,1-Trichloroethane	8.165	97	318806	47.271	ug/l	99
36) 1,1-Dichloropropene	8.371	75	238473	47.902	ug/l	96
37) Ethyl Acetate	7.559	43	138163	44.320	ug/l	98
38) Carbon Tetrachloride	8.365	117	288545	48.507	ug/l	99
39) Methylcyclohexane	9.600	83	238737	46.162	ug/l	92
40) Benzene	8.606	78	664309	46.211	ug/l	99

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41) Methacrylonitrile	7.777	41	79609	44.295	ug/l	97
42) 1,2-Dichloroethane	8.671	62	259318	48.712	ug/l	97
43) Isopropyl Acetate	8.688	43	252482	45.044	ug/l	97
44) Trichloroethene	9.353	130	175391	45.257	ug/l	99
45) 1,2-Dichloropropane	9.623	63	155801	46.144	ug/l	98
46) Dibromomethane	9.712	93	115480	47.626	ug/l	91
47) Bromodichloromethane	9.888	83	258613	49.766	ug/l	99
48) Methyl methacrylate	9.682	41	151561	45.310	ug/l	90
49) 1,4-Dioxane	9.688	88	42483	837.921	ug/l #	90
51) 4-Methyl-2-Pentanone	10.447	43	697118	225.821	ug/l	100
52) Toluene	10.629	92	426918	47.009	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	265114	47.152	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	285339	47.480	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	150261	45.983	ug/l	99
56) Ethyl methacrylate	10.876	69	168204	46.493	ug/l	92
57) 1,3-Dichloropropane	11.165	76	265459	46.341	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	545620	238.893	ug/l	99
59) 2-Hexanone	11.194	43	499039	218.973	ug/l	100
60) Dibromochloromethane	11.359	129	189069	48.828	ug/l	100
61) 1,2-Dibromoethane	11.470	107	154784	45.766	ug/l	99
64) Tetrachloroethene	11.106	164	149415	46.014	ug/l	98
65) Chlorobenzene	11.894	112	442576	47.306	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	176246	48.011	ug/l	94
67) Ethyl Benzene	11.964	91	820369	47.689	ug/l	96
68) m/p-Xylenes	12.070	106	603594	94.954	ug/l	89
69) o-Xylene	12.400	106	293099	47.140	ug/l	90
70) Styrene	12.412	104	436564	48.745	ug/l	94
71) Bromoform	12.576	173	121678	45.452	ug/l #	99
73) Isopropylbenzene	12.694	105	771095	49.081	ug/l	99
74) N-amyl acetate	12.494	43	207943	45.325	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	187013	44.423	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	175735m	45.043	ug/l	
77) Bromobenzene	12.982	156	181126	46.866	ug/l	97
78) n-propylbenzene	13.035	91	855859	49.409	ug/l	99
79) 2-Chlorotoluene	13.123	91	541145	47.852	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	656907	48.549	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	66147	44.514	ug/l #	78
82) 4-Chlorotoluene	13.223	91	556713	47.894	ug/l	96
83) tert-Butylbenzene	13.441	119	529173	47.754	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	659894	49.024	ug/l	98
85) sec-Butylbenzene	13.617	105	679131	47.910	ug/l	100
86) p-Isopropyltoluene	13.729	119	621080	48.525	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	317850	46.679	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	316709	46.077	ug/l	97
89) n-Butylbenzene	14.058	91	511788	47.882	ug/l	99
90) Hexachloroethane	14.335	117	97122	47.781	ug/l	70
91) 1,2-Dichlorobenzene	14.106	146	299502	46.320	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	40878	46.164	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	176071	49.045	ug/l	96
94) Hexachlorobutadiene	15.500	225	91016	44.533	ug/l	99
95) Naphthalene	15.641	128	523388	48.011	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	164575	47.505	ug/l	98

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

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