

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120523\
 Data File : VN080369.D
 Acq On : 05 Dec 2023 16:21
 Operator : JC\MD
 Sample : VN1205WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/06/2023
 Supervised By : Mahesh Dadoda 12/06/2023

Quant Time: Dec 06 04:22:43 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	223369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	345268	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	308715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	152241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	162250	43.992	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.980%		
35) Dibromofluoromethane	8.165	113	119695	46.983	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.960%		
50) Toluene-d8	10.570	98	420524	45.790	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.580%		
62) 4-Bromofluorobenzene	12.853	95	158434	45.674	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.340%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	62251	18.710	ug/l	97
3) Chloromethane	2.359	50	43083	17.223	ug/l	100
4) Vinyl Chloride	2.518	62	48775	18.425	ug/l	97
5) Bromomethane	2.953	94	32711	18.202	ug/l	97
6) Chloroethane	3.124	64	31926	18.404	ug/l #	87
7) Trichlorofluoromethane	3.500	101	112576	20.386	ug/l	97
8) Diethyl Ether	3.959	74	28904	17.997	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.377	101	49062	19.437	ug/l	94
10) Methyl Iodide	4.594	142	53767	19.710	ug/l	89
11) Tert butyl alcohol	5.518	59	36864	90.891	ug/l	95
12) 1,1-Dichloroethene	4.341	96	45902	19.443	ug/l	94
13) Acrolein	4.177	56	35693	99.441	ug/l	99
14) Allyl chloride	5.018	41	50574	17.027	ug/l	92
15) Acrylonitrile	5.718	53	96593	88.715	ug/l	99
16) Acetone	4.430	43	92901	74.995	ug/l	94
17) Carbon Disulfide	4.712	76	119328	16.928	ug/l	99
18) Methyl Acetate	5.018	43	73233	18.399	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	163011	19.552	ug/l	100
20) Methylene Chloride	5.277	84	51656	19.912	ug/l	92
21) trans-1,2-Dichloroethene	5.788	96	50747	19.566	ug/l	86
22) Diisopropyl ether	6.671	45	123033	18.722	ug/l	93
23) Vinyl Acetate	6.606	43	343214	86.873	ug/l	95
24) 1,1-Dichloroethane	6.571	63	90988	19.010	ug/l	97
25) 2-Butanone	7.482	43	116198	78.949	ug/l	95
26) 2,2-Dichloropropane	7.488	77	91770	19.325	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	56275	19.138	ug/l	90
28) Bromochloromethane	7.812	49	35275	18.747	ug/l	100
29) Tetrahydrofuran	7.841	42	70301	88.969	ug/l	93
30) Chloroform	7.965	83	109202	20.413	ug/l	92
31) Cyclohexane	8.265	56	73669	18.367	ug/l	84
32) 1,1,1-Trichloroethane	8.171	97	106398	20.394	ug/l	95
36) 1,1-Dichloropropene	8.371	75	72238	19.585	ug/l	96
37) Ethyl Acetate	7.559	43	47521	18.574	ug/l	98
38) Carbon Tetrachloride	8.365	117	98208	20.982	ug/l	99
39) Methylcyclohexane	9.606	83	66954	18.826	ug/l	95
40) Benzene	8.606	78	204489	19.507	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	26712	19.012	ug/l	91
42) 1,2-Dichloroethane	8.671	62	90914	21.198	ug/l	96
43) Isopropyl Acetate	8.688	43	81998	16.470	ug/l	97
44) Trichloroethene	9.353	130	56569	20.572	ug/l	97
45) 1,2-Dichloropropane	9.623	63	48852	20.053	ug/l	97
46) Dibromomethane	9.712	93	38122	20.672	ug/l	91
47) Bromodichloromethane	9.888	83	84388	20.803	ug/l	99
48) Methyl methacrylate	9.682	41	47230	18.408	ug/l	92
49) 1,4-Dioxane	9.700	88	14956	350.393	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	243906	94.626	ug/l	99
52) Toluene	10.635	92	133722	20.383	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	82240	19.732	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	84212	19.777	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	52502	20.968	ug/l	99
56) Ethyl methacrylate	10.876	69	51467	20.120	ug/l	93
57) 1,3-Dichloropropane	11.165	76	87276	19.964	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	117627	81.623	ug/l	99
59) 2-Hexanone	11.200	43	176684	85.304	ug/l	97
60) Dibromochloromethane	11.359	129	61775	20.607	ug/l	98
61) 1,2-Dibromoethane	11.470	107	51738	20.254	ug/l	96
64) Tetrachloroethene	11.106	164	51427	21.828	ug/l	95
65) Chlorobenzene	11.894	112	140182	20.039	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	57895	21.327	ug/l	94
67) Ethyl Benzene	11.965	91	252882	20.316	ug/l	96
68) m/p-Xylenes	12.070	106	188409	41.513	ug/l	88
69) o-Xylene	12.400	106	88942	20.795	ug/l	86
70) Styrene	12.412	104	136074	21.375	ug/l	94
71) Bromoform	12.582	173	42387	21.055	ug/l #	99
73) Isopropylbenzene	12.700	105	239751	20.266	ug/l	99
74) N-amyl acetate	12.494	43	64763	17.555	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	67027	18.930	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	64457m	17.280	ug/l	
77) Bromobenzene	12.982	156	58621	19.654	ug/l	93
78) n-propylbenzene	13.035	91	257063	19.432	ug/l	100
79) 2-Chlorotoluene	13.129	91	170472	19.841	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	205119	19.918	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	18767	16.998	ug/l #	77
82) 4-Chlorotoluene	13.223	91	171753	19.513	ug/l	96
83) tert-Butylbenzene	13.441	119	162294	19.652	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	209254	20.636	ug/l	97
85) sec-Butylbenzene	13.617	105	205082	19.630	ug/l	99
86) p-Isopropyltoluene	13.729	119	190194	20.380	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	105057	19.550	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	105771	19.586	ug/l	98
89) n-Butylbenzene	14.059	91	146933	18.810	ug/l	98
90) Hexachloroethane	14.341	117	35036	19.257	ug/l	70
91) 1,2-Dichlorobenzene	14.106	146	101128	19.666	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14674	17.842	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	49954	16.702	ug/l	94
94) Hexachlorobutadiene	15.505	225	30249	17.575	ug/l	97
95) Naphthalene	15.641	128	136081	15.690	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	49049	17.497	ug/l	97

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

