

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110122\
 Data File : VN075101.D
 Acq On : 01 Nov 2022 12:00
 Operator : JC\MD
 Sample : VN1101WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/02/2022
 Supervised By : Mahesh Dadoda 11/02/2022

Quant Time: Nov 02 07:10:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	90685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	171007	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	154159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	74402	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	67106	54.921	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.840%			
35) Dibromofluoromethane	8.176	113	53679	53.471	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.940%			
50) Toluene-d8	10.570	98	204401	52.480	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.960%			
62) 4-Bromofluorobenzene	12.853	95	70427	51.475	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.940%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	22558	19.122	ug/l	92
3) Chloromethane	2.377	50	24679	19.695	ug/l	93
4) Vinyl Chloride	2.524	62	35726	19.985	ug/l	93
5) Bromomethane	2.930	94	30447	20.972	ug/l	100
6) Chloroethane	3.106	64	25778	20.110	ug/l	100
7) Trichlorofluoromethane	3.494	101	37758	20.677	ug/l	100
8) Diethyl Ether	3.977	74	13700	20.569	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.377	101	21439	21.259	ug/l	96
10) Methyl Iodide	4.588	142	29306	19.520	ug/l	99
11) Tert butyl alcohol	5.535	59	26846	94.215	ug/l	100
12) 1,1-Dichloroethene	4.347	96	19688	20.481	ug/l	96
13) Acrolein	4.194	56	25253	108.350	ug/l	98
14) Allyl chloride	5.030	41	28635	20.396	ug/l	97
15) Acrylonitrile	5.741	53	62191	103.320	ug/l	99
16) Acetone	4.441	43	56026	108.290	ug/l	95
17) Carbon Disulfide	4.718	76	44653	18.472	ug/l	97
18) Methyl Acetate	5.041	43	36251	21.451	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	72074	20.173	ug/l	97
20) Methylene Chloride	5.283	84	23025	19.960	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	19909	18.916	ug/l	95
22) Diisopropyl ether	6.688	45	63155	20.384	ug/l	98
23) Vinyl Acetate	6.618	43	226730	87.634	ug/l	99
24) 1,1-Dichloroethane	6.582	63	40546	20.692	ug/l	100
25) 2-Butanone	7.494	43	82776	101.719	ug/l	99
26) 2,2-Dichloropropane	7.500	77	36494	20.244	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	25218	20.063	ug/l	98
28) Bromochloromethane	7.824	49	17538	21.232	ug/l	98
29) Tetrahydrofuran	7.847	42	51947	98.786	ug/l	100
30) Chloroform	7.971	83	42969	20.197	ug/l	98
31) Cyclohexane	8.259	56	35396	19.478	ug/l	94
32) 1,1,1-Trichloroethane	8.176	97	39751	20.575	ug/l	93
36) 1,1-Dichloropropene	8.376	75	29946	19.268	ug/l	99
37) Ethyl Acetate	7.571	43	33615	19.722	ug/l	96
38) Carbon Tetrachloride	8.371	117	33843	19.795	ug/l	97
39) Methylcyclohexane	9.600	83	38383	18.707	ug/l	96
40) Benzene	8.612	78	92891	19.520	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	16620	20.352	ug/l	98
42) 1,2-Dichloroethane	8.676	62	34935	20.178	ug/l	99
43) Isopropyl Acetate	8.694	43	52252	19.764	ug/l	100
44) Trichloroethene	9.359	130	23363	19.568	ug/l	99
45) 1,2-Dichloropropane	9.623	63	23286	20.562	ug/l	94
46) Dibromomethane	9.712	93	18112	20.528	ug/l	95
47) Bromodichloromethane	9.888	83	34664	20.288	ug/l	97
48) Methyl methacrylate	9.688	41	24317	20.051	ug/l	96
49) 1,4-Dioxane	9.700	88	12820	403.678	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	171011	100.235	ug/l	99
52) Toluene	10.635	92	63282	19.893	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	35533	19.703	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	37547	19.629	ug/l	98
55) 1,1,2-Trichloroethane	11.023	97	24871	19.718	ug/l	95
56) Ethyl methacrylate	10.876	69	37086	19.275	ug/l	98
57) 1,3-Dichloropropane	11.164	76	41745	19.873	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.165	63	75631	101.680	ug/l	97
59) 2-Hexanone	11.200	43	131595	101.628	ug/l	98
60) Dibromochloromethane	11.359	129	25851	19.426	ug/l	100
61) 1,2-Dibromoethane	11.470	107	24562	19.002	ug/l	97
64) Tetrachloroethene	11.106	164	20358	21.540	ug/l	97
65) Chlorobenzene	11.894	112	66456	20.196	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	24428	20.012	ug/l	97
67) Ethyl Benzene	11.964	91	115594	19.525	ug/l	97
68) m/p-Xylenes	12.070	106	92094	38.769	ug/l	96
69) o-Xylene	12.400	106	45042	19.173	ug/l	95
70) Styrene	12.411	104	73186	19.538	ug/l	98
71) Bromoform	12.576	173	17469	19.115	ug/l #	97
73) Isopropylbenzene	12.700	105	117909	19.740	ug/l	100
74) N-amyl acetate	12.494	43	45438	20.568	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	39624	20.764	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	36693m	23.227	ug/l	
77) Bromobenzene	12.982	156	25346	19.272	ug/l	92
78) n-propylbenzene	13.041	91	136466	20.349	ug/l	97
79) 2-Chlorotoluene	13.129	91	82398	20.107	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	103767	20.683	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	12735	20.693	ug/l	97
82) 4-Chlorotoluene	13.129	91	82398	20.107	ug/l	100
83) tert-Butylbenzene	13.441	119	88858	19.933	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	104336	20.555	ug/l	99
85) sec-Butylbenzene	13.617	105	127365	20.424	ug/l	97
86) p-Isopropyltoluene	13.729	119	103106	20.019	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	50166	19.481	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	49838	19.556	ug/l	98
89) n-Butylbenzene	14.058	91	83861	20.220	ug/l	97
90) Hexachloroethane	14.335	117	18540	19.634	ug/l	93
91) 1,2-Dichlorobenzene	14.111	146	50661	19.789	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8113	20.136	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	20474	18.585	ug/l	98
94) Hexachlorobutadiene	15.505	225	9764	18.181	ug/l	98
95) Naphthalene	15.641	128	76072	17.957	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	20965	19.153	ug/l	98

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

