

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112822\
 Data File : VN075457.D
 Acq On : 28 Nov 2022 18:35
 Operator : JC\MD
 Sample : N5756-10MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW181S-20221117MS

Quant Time: Nov 29 05:33:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/29/2022
 Supervised By : Mahesh Dadoda 11/29/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	147926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	244531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	226068	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	41619	52.414	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.820%			
35) Dibromofluoromethane	8.177	113	51133	53.230	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.460%			
50) Toluene-d8	10.571	98	116744	53.960	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.920%			
62) 4-Bromofluorobenzene	12.853	95	86387	54.096	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.200%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	50585	44.721	ug/l	98
3) Chloromethane	2.371	50	62235	44.218	ug/l	95
4) Vinyl Chloride	2.524	62	84660	47.728	ug/l	97
5) Bromomethane	2.930	94	83517	53.542	ug/l	97
6) Chloroethane	3.112	64	66182	49.240	ug/l	94
7) Trichlorofluoromethane	3.500	101	117189	46.246	ug/l	98
8) Diethyl Ether	3.971	74	43671	49.170	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	69623	49.769	ug/l	96
10) Methyl Iodide	4.595	142	107367	47.364	ug/l	97
11) Tert butyl alcohol	5.542	59	81934	245.803	ug/l	100
12) 1,1-Dichloroethene	4.347	96	66711	48.699	ug/l	88
13) Acrolein	4.189	56	83788	288.540	ug/l	100
14) Allyl chloride	5.036	41	77405	43.684	ug/l	93
15) Acrylonitrile	5.730	53	199619	261.024	ug/l	99
16) Acetone	4.442	43	159445	215.277	ug/l	94
17) Carbon Disulfide	4.724	76	147387	41.400	ug/l	100
18) Methyl Acetate	5.036	43	99475	53.363	ug/l	96
19) Methyl tert-butyl Ether	5.812	73	237237	48.887	ug/l	96
20) Methylene Chloride	5.283	84	76164	50.730	ug/l	91
21) trans-1,2-Dichloroethene	5.794	96	71039	45.504	ug/l	93
22) Diisopropyl ether	6.683	45	196725	48.651	ug/l	99
23) Vinyl Acetate	6.612	43	758406m	235.755	ug/l	
24) 1,1-Dichloroethane	6.583	63	128487	49.504	ug/l	98
25) 2-Butanone	7.488	43	256646	248.197	ug/l	99
26) 2,2-Dichloropropane	7.494	77	104794	43.444	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	90017	50.993	ug/l	92
28) Bromochloromethane	7.818	49	54285	51.526	ug/l #	80
29) Tetrahydrofuran	7.847	42	167250	265.910	ug/l	97
30) Chloroform	7.971	83	145508	48.819	ug/l	96
31) Cyclohexane	8.259	56	109110	43.250	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	132248	48.867	ug/l	97
36) 1,1-Dichloropropene	8.377	75	100930	48.180	ug/l	97
37) Ethyl Acetate	7.565	43	97472	51.675	ug/l	99
38) Carbon Tetrachloride	8.365	117	115849	50.342	ug/l	100
39) Methylcyclohexane	9.600	83	129650	49.451	ug/l	97
40) Benzene	8.612	78	316186	49.298	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	51596	53.503	ug/l	97
42) 1,2-Dichloroethane	8.677	62	107537	50.063	ug/l	96
43) Isopropyl Acetate	8.694	43	152994	50.532	ug/l	96
44) Trichloroethene	9.353	130	87794	50.026	ug/l	97
45) 1,2-Dichloropropane	9.624	63	75724	49.543	ug/l	99
46) Dibromomethane	9.712	93	58383	50.501	ug/l	90
47) Bromodichloromethane	9.888	83	111295	49.712	ug/l	98
48) Methyl methacrylate	9.682	41	73592	52.566	ug/l	96
49) 1,4-Dioxane	9.700	88	45296	1139.431	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	518513	268.884	ug/l	97
52) Toluene	10.635	92	212061	51.308	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	112462	50.037	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	118807	48.670	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	83971	49.882	ug/l	93
56) Ethyl methacrylate	10.876	69	122469	53.871	ug/l	95
57) 1,3-Dichloropropane	11.165	76	137648	50.148	ug/l	100
59) 2-Hexanone	11.200	43	395610	273.205	ug/l	98
60) Dibromochloromethane	11.359	129	95017	54.990	ug/l	100
61) 1,2-Dibromoethane	11.471	107	89113	51.003	ug/l	99
64) Tetrachloroethene	11.106	164	83428	48.325	ug/l	87
65) Chlorobenzene	11.894	112	228369	48.915	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	87793	50.385	ug/l	99
67) Ethyl Benzene	11.965	91	406745	51.066	ug/l	98
68) m/p-Xylenes	12.070	106	331534	102.499	ug/l	99
69) o-Xylene	12.400	106	161496	50.252	ug/l	99
70) Styrene	12.412	104	265398	52.350	ug/l	99
71) Bromoform	12.582	173	72042	54.324	ug/l #	99
73) Isopropylbenzene	12.700	105	425651	49.382	ug/l	98
74) N-amyl acetate	12.494	43	132687	50.072	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	131451	50.022	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	114015m	51.112	ug/l	
77) Bromobenzene	12.982	156	104705	49.204	ug/l	86
78) n-propylbenzene	13.035	91	479312	49.828	ug/l	99
79) 2-Chlorotoluene	13.129	91	285087	49.188	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	367480	51.316	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	39198	51.992	ug/l	91
82) 4-Chlorotoluene	13.129	91	285087	49.188	ug/l	96
83) tert-Butylbenzene	13.441	119	324609	49.716	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	369162	51.393	ug/l	99
85) sec-Butylbenzene	13.617	105	452790	51.109	ug/l	99
86) p-Isopropyltoluene	13.729	119	386671	51.875	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	197356	48.949	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	195053	47.625	ug/l	99
89) n-Butylbenzene	14.059	91	312805	49.687	ug/l	98
90) Hexachloroethane	14.335	117	65057	50.593	ug/l	83
91) 1,2-Dichlorobenzene	14.106	146	196624	50.031	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	25594	51.415	ug/l	80
93) 1,2,4-Trichlorobenzene	15.394	180	96956	48.141	ug/l	98
94) Hexachlorobutadiene	15.506	225	50917	48.536	ug/l	99
95) Naphthalene	15.641	128	316924	50.019	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	96075	48.536	ug/l	98

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

