

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012522\
 Data File : VN070771.D
 Acq On : 25 Jan 2022 13:57
 Operator : JC/MD
 Sample : VN0125WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0125WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/26/2022
 Supervised By : Mahesh Dadoda 01/26/2022

Quant Time: Jan 26 00:48:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	655466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1053385	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	973914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	405810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	484606	51.588	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.180%			
35) Dibromofluoromethane	8.021	113	335016	51.271	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.540%			
50) Toluene-d8	10.440	98	1351294	49.090	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.180%			
62) 4-Bromofluorobenzene	12.731	95	489187	49.871	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	136753	18.055	ug/l	99
3) Chloromethane	2.306	50	181437	16.388	ug/l	100
4) Vinyl Chloride	2.448	62	212265	20.158	ug/l	99
5) Bromomethane	2.861	94	130200	23.740	ug/l	98
6) Chloroethane	3.025	64	124604	18.962	ug/l	97
7) Trichlorofluoromethane	3.379	101	259050	21.535	ug/l	99
8) Diethyl Ether	3.824	74	93454	17.785	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.210	101	131192	18.045	ug/l	96
10) Methyl Iodide	4.419	142	172334	18.382	ug/l	98
11) Tert butyl alcohol	5.372	59	156825	92.534	ug/l	99
12) 1,1-Dichloroethene	4.181	96	123337	17.009	ug/l	88
13) Acrolein	4.041	56	231647	95.303	ug/l	99
14) Allyl chloride	4.841	41	284838	18.028	ug/l	85
15) Acrylonitrile	5.554	53	506844	94.009	ug/l	99
16) Acetone	4.288	43	564578	86.591	ug/l	98
17) Carbon Disulfide	4.529	76	339021	17.215	ug/l	97
18) Methyl Acetate	4.857	43	232323	18.118	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	511306	19.738	ug/l	95
20) Methylene Chloride	5.095	84	157090	18.291	ug/l	87
21) trans-1,2-Dichloroethene	5.594	96	133006	18.225	ug/l #	84
22) Diisopropyl ether	6.495	45	593314	18.946	ug/l	95
23) Vinyl Acetate	6.434	43	2550149	96.065	ug/l	96
24) 1,1-Dichloroethane	6.388	63	290356	18.536	ug/l	98
25) 2-Butanone	7.335	43	734441	89.518	ug/l	93
26) 2,2-Dichloropropane	7.327	77	239294	19.924	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	160654	18.531	ug/l	84
28) Bromochloromethane	7.659	49	125907	17.902	ug/l #	78
29) Tetrahydrofuran	7.686	42	469025	93.364	ug/l	89
30) Chloroform	7.817	83	291238	18.722	ug/l	98
31) Cyclohexane	8.096	56	292814	17.702	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	238795	19.640	ug/l	97
36) 1,1-Dichloropropene	8.222	75	212336	19.303	ug/l	96
37) Ethyl Acetate	7.413	43	282408	19.338	ug/l	98
38) Carbon Tetrachloride	8.206	117	205025	20.951	ug/l	99
39) Methylcyclohexane	9.459	83	254463	18.738	ug/l	87
40) Benzene	8.459	78	645268	18.931	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	148113	19.935	ug/l #	87
42) 1,2-Dichloroethane	8.528	62	245382	20.763	ug/l	98
43) Isopropyl Acetate	8.560	43	442397	19.833	ug/l #	95
44) Trichloroethene	9.215	130	146366	18.942	ug/l	88
45) 1,2-Dichloropropane	9.488	63	177401	19.130	ug/l	99
46) Dibromomethane	9.577	93	109347	20.279	ug/l	94
47) Bromodichloromethane	9.762	83	222002	20.141	ug/l	99
48) Methyl methacrylate	9.558	41	211982	19.948	ug/l #	79
49) 1,4-Dioxane	9.572	88	62617	392.283	ug/l #	85
51) 4-Methyl-2-Pentanone	10.331	43	1407495	98.887	ug/l	98
52) Toluene	10.505	92	401822	19.708	ug/l	96
53) t-1,3-Dichloropropene	10.717	75	241177	19.580	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	260160	19.681	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	161425	20.154	ug/l	97
56) Ethyl methacrylate	10.760	69	264560	18.870	ug/l	90
57) 1,3-Dichloropropane	11.044	76	284276	20.049	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	311851	95.082	ug/l	91
59) 2-Hexanone	11.084	43	1027829	99.404	ug/l	95
60) Dibromochloromethane	11.237	129	157713	21.110	ug/l	99
61) 1,2-Dibromoethane	11.344	107	155484	19.335	ug/l	99
64) Tetrachloroethene	10.977	164	137335	19.232	ug/l	96
65) Chlorobenzene	11.768	112	414729	19.655	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.840	131	147862	20.349	ug/l	99
67) Ethyl Benzene	11.843	91	765564	19.569	ug/l	96
68) m/p-Xylenes	11.953	106	558459	39.240	ug/l	89
69) o-Xylene	12.280	106	278142	19.693	ug/l	91
70) Styrene	12.294	104	450436	19.935	ug/l	94
71) Bromoform	12.457	173	113858	20.744	ug/l #	100
73) Isopropylbenzene	12.578	105	726223	18.916	ug/l	97
74) N-amyl acetate	12.388	43	288928	18.407	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	251609	19.406	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	221200m	20.552	ug/l	
77) Bromobenzene	12.860	156	165883	19.271	ug/l	74
78) n-propylbenzene	12.919	91	838614	19.532	ug/l	95
79) 2-Chlorotoluene	13.004	91	519198	19.116	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	608915	19.613	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	68575	18.981	ug/l	96
82) 4-Chlorotoluene	13.104	91	502692	19.810	ug/l	91
83) tert-Butylbenzene	13.324	119	516019	19.094	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	594768	19.930	ug/l	96
85) sec-Butylbenzene	13.501	105	712659	19.397	ug/l	98
86) p-Isopropyltoluene	13.616	119	576131	19.961	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	285412	19.933	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	272432	19.118	ug/l	94
89) n-Butylbenzene	13.943	91	456701	19.181	ug/l	97
90) Hexachloroethane	14.209	117	98981	19.619	ug/l	92
91) 1,2-Dichlorobenzene	13.989	146	272973	19.295	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	42863	19.489	ug/l	80
93) 1,2,4-Trichlorobenzene	15.263	180	132251	19.857	ug/l	97
94) Hexachlorobutadiene	15.367	225	90486	21.596	ug/l	99
95) Naphthalene	15.504	128	323930	18.819	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	126462	19.727	ug/l	98

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

