

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012122\
 Data File : VN070731.D
 Acq On : 21 Jan 2022 15:09
 Operator : JC/MD
 Sample : VN0121WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/24/2022
 Supervised By : Mahesh Dadoda 01/24/2022

Quant Time: Jan 22 05:28:58 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	8.083	168	676602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1129474	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1043323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	433119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	499014	51.462	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.920%			
35) Dibromofluoromethane	8.019	113	350378	50.010	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.020%			
50) Toluene-d8	10.438	98	1406527	47.654	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.300%			
62) 4-Bromofluorobenzene	12.728	95	505601	48.072	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.140%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	137488	17.585	ug/l	98
3) Chloromethane	2.303	50	196953	17.234	ug/l	100
4) Vinyl Chloride	2.451	62	198944	18.303	ug/l	98
5) Bromomethane	2.864	94	132764	23.452	ug/l	96
6) Chloroethane	3.027	64	133797	19.725	ug/l	98
7) Trichlorofluoromethane	3.384	101	260216	20.956	ug/l	99
8) Diethyl Ether	3.824	74	103770	19.131	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.218	101	130938	17.447	ug/l	95
10) Methyl Iodide	4.422	142	178389	18.433	ug/l	99
11) Tert butyl alcohol	5.366	59	147534	84.333	ug/l	97
12) 1,1-Dichloroethene	4.183	96	125891	16.819	ug/l	86
13) Acrolein	4.044	56	250677	99.911	ug/l	99
14) Allyl chloride	4.843	41	305481	18.731	ug/l	85
15) Acrylonitrile	5.551	53	523272	94.024	ug/l	99
16) Acetone	4.283	43	575103	85.450	ug/l	98
17) Carbon Disulfide	4.532	76	351520	17.292	ug/l	98
18) Methyl Acetate	4.854	43	241731	18.263	ug/l	91
19) Methyl tert-butyl Ether	5.616	73	538655	20.144	ug/l	93
20) Methylene Chloride	5.095	84	167693	18.916	ug/l	86
21) trans-1,2-Dichloroethene	5.599	96	139706	18.545	ug/l	87
22) Diisopropyl ether	6.493	45	657505	20.340	ug/l #	93
23) Vinyl Acetate	6.431	43	2763603	100.854	ug/l	95
24) 1,1-Dichloroethane	6.388	63	314106	19.425	ug/l	100
25) 2-Butanone	7.332	43	757319	89.423	ug/l	91
26) 2,2-Dichloropropane	7.324	77	241918	19.514	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	171870	19.205	ug/l	85
28) Bromochloromethane	7.654	49	140850	19.401	ug/l #	77
29) Tetrahydrofuran	7.683	42	486713	93.858	ug/l	88
30) Chloroform	7.817	83	307545	19.165	ug/l	100
31) Cyclohexane	8.091	56	304416	17.828	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	249777	19.901	ug/l	98
36) 1,1-Dichloropropene	8.220	75	218627	18.536	ug/l	96
37) Ethyl Acetate	7.407	43	294900	18.833	ug/l	96
38) Carbon Tetrachloride	8.204	117	203574	19.401	ug/l	99
39) Methylcyclohexane	9.459	83	261032	17.927	ug/l	87
40) Benzene	8.458	78	694627	19.007	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.632	41	146516	18.392	ug/l	88
42) 1,2-Dichloroethane	8.528	62	262384	20.705	ug/l	98
43) Isopropyl Acetate	8.558	43	458754	19.181	ug/l	96
44) Trichloroethene	9.212	130	156395	18.877	ug/l	94
45) 1,2-Dichloropropane	9.488	63	193091	19.419	ug/l	98
46) Dibromomethane	9.574	93	115255	19.934	ug/l	93
47) Bromodichloromethane	9.759	83	233228	19.734	ug/l	98
48) Methyl methacrylate	9.558	41	208312	18.282	ug/l #	82
49) 1,4-Dioxane	9.569	88	59257	346.224	ug/l #	83
51) 4-Methyl-2-Pentanone	10.328	43	1456881	95.461	ug/l	98
52) Toluene	10.502	92	417740	19.109	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	253893	19.267	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	279944	19.751	ug/l	98
55) 1,1,2-Trichloroethane	10.894	97	167600	19.515	ug/l	99
56) Ethyl methacrylate	10.757	69	283292	18.848	ug/l	90
57) 1,3-Dichloropropane	11.041	76	305633	20.103	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	341863	96.735	ug/l #	89
59) 2-Hexanone	11.081	43	1035354	93.386	ug/l	96
60) Dibromochloromethane	11.237	129	161374	20.145	ug/l	99
61) 1,2-Dibromoethane	11.342	107	168468	19.538	ug/l	98
64) Tetrachloroethene	10.974	164	144202	18.851	ug/l	95
65) Chlorobenzene	11.765	112	431925	19.108	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.838	131	155681	20.000	ug/l	99
67) Ethyl Benzene	11.840	91	802890	19.158	ug/l	94
68) m/p-Xylenes	11.950	106	584840	38.360	ug/l	90
69) o-Xylene	12.278	106	294765	19.482	ug/l	89
70) Styrene	12.291	104	475073	19.627	ug/l	95
71) Bromoform	12.455	173	114903	19.542	ug/l #	100
73) Isopropylbenzene	12.575	105	760627	18.563	ug/l	98
74) N-amyl acetate	12.385	43	308728	18.428	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.825	83	258730	18.697	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	230035m	20.025	ug/l	
77) Bromobenzene	12.857	156	174877	19.035	ug/l	77
78) n-propylbenzene	12.916	91	860878	18.786	ug/l	96
79) 2-Chlorotoluene	13.004	91	546641	18.858	ug/l	91
80) 1,3,5-Trimethylbenzene	13.055	105	634726	19.155	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	68285	17.709	ug/l	99
82) 4-Chlorotoluene	13.101	91	513016	18.942	ug/l	91
83) tert-Butylbenzene	13.321	119	559393	19.394	ug/l	95
84) 1,2,4-Trimethylbenzene	13.364	105	618093	19.406	ug/l	96
85) sec-Butylbenzene	13.498	105	750564	19.140	ug/l	96
86) p-Isopropyltoluene	13.613	119	608866	19.766	ug/l	95
87) 1,3-Dichlorobenzene	13.613	146	293955	19.235	ug/l	96
88) 1,4-Dichlorobenzene	13.691	146	285571	18.777	ug/l	96
89) n-Butylbenzene	13.940	91	488753	19.233	ug/l	97
90) Hexachloroethane	14.209	117	98904	18.368	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	287513	19.042	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.600	75	44136	18.802	ug/l	76
93) 1,2,4-Trichlorobenzene	15.263	180	138099	19.501	ug/l	98
94) Hexachlorobutadiene	15.367	225	92507	20.686	ug/l	99
95) Naphthalene	15.501	128	358737	19.341	ug/l	99
96) 1,2,3-Trichlorobenzene	15.697	180	134405	19.657	ug/l	98

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

