

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012422\
 Data File : VN070751.D
 Acq On : 24 Jan 2022 13:22
 Operator : JC/MD
 Sample : VN0124WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/25/2022
 Supervised By : Mahesh Dadoda 01/25/2022

Quant Time: Jan 24 23:30:29 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	713178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1127133	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1035789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	432670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	506343	49.540	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.080%		
35) Dibromofluoromethane	8.019	113	356313	50.963	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.920%		
50) Toluene-d8	10.441	98	1446318	49.104	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.200%		
62) 4-Bromofluorobenzene	12.728	95	518534	49.404	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	138291	16.781	ug/l	98
3) Chloromethane	2.303	50	188659	15.661	ug/l	99
4) Vinyl Chloride	2.451	62	198491	17.325	ug/l	99
5) Bromomethane	2.861	94	121359	20.338	ug/l	99
6) Chloroethane	3.025	64	130989	18.321	ug/l	95
7) Trichlorofluoromethane	3.384	101	265538	20.288	ug/l	96
8) Diethyl Ether	3.827	74	98556	17.238	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.213	101	135689	17.153	ug/l	95
10) Methyl Iodide	4.422	142	182928	17.933	ug/l	99
11) Tert butyl alcohol	5.374	59	145884	79.113	ug/l #	71
12) 1,1-Dichloroethene	4.186	96	128930	16.341	ug/l	90
13) Acrolein	4.041	56	277090	104.774	ug/l	99
14) Allyl chloride	4.838	41	298547	17.367	ug/l	85
15) Acrylonitrile	5.551	53	484914	82.663	ug/l	99
16) Acetone	4.285	43	478627	67.468	ug/l	99
17) Carbon Disulfide	4.532	76	342764	15.996	ug/l	98
18) Methyl Acetate	4.854	43	229108	16.422	ug/l	92
19) Methyl tert-butyl Ether	5.616	73	518334	18.390	ug/l	93
20) Methylene Chloride	5.095	84	161851	17.320	ug/l	91
21) trans-1,2-Dichloroethene	5.597	96	137987	17.377	ug/l #	84
22) Diisopropyl ether	6.495	45	620930	18.223	ug/l	93
23) Vinyl Acetate	6.431	43	2601484	90.068	ug/l	95
24) 1,1-Dichloroethane	6.388	63	299480	17.571	ug/l	99
25) 2-Butanone	7.332	43	686636	76.919	ug/l	94
26) 2,2-Dichloropropane	7.324	77	236197	18.075	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	168277	17.839	ug/l	86
28) Bromochloromethane	7.657	49	144777	18.919	ug/l #	77
29) Tetrahydrofuran	7.683	42	454168	83.091	ug/l	88
30) Chloroform	7.818	83	294617	17.371	ug/l	99
31) Cyclohexane	8.094	56	307967	17.111	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	244197	18.459	ug/l	98
36) 1,1-Dichloropropene	8.220	75	217252	18.458	ug/l	95
37) Ethyl Acetate	7.410	43	271867	17.398	ug/l	97
38) Carbon Tetrachloride	8.206	117	200648	19.162	ug/l	99
39) Methylcyclohexane	9.459	83	264880	18.229	ug/l	88
40) Benzene	8.459	78	666017	18.262	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.632	41	142547	17.930	ug/l #	88
42) 1,2-Dichloroethane	8.528	62	242586	19.183	ug/l	99
43) Isopropyl Acetate	8.558	43	433877	18.178	ug/l #	95
44) Trichloroethene	9.215	130	150804	18.240	ug/l	90
45) 1,2-Dichloropropane	9.488	63	186027	18.747	ug/l	99
46) Dibromomethane	9.577	93	108851	18.866	ug/l	95
47) Bromodichloromethane	9.759	83	219268	18.591	ug/l	99
48) Methyl methacrylate	9.558	41	210615	18.523	ug/l #	78
49) 1,4-Dioxane	9.566	88	58979	345.316	ug/l #	77
51) 4-Methyl-2-Pentanone	10.328	43	1345964	88.376	ug/l	98
52) Toluene	10.502	92	417663	19.145	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	244932	18.706	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	268940	19.014	ug/l	99
55) 1,1,2-Trichloroethane	10.896	97	159408	18.600	ug/l	97
56) Ethyl methacrylate	10.760	69	261943	17.632	ug/l	90
57) 1,3-Dichloropropane	11.041	76	286570	18.888	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	313541	90.624	ug/l	90
59) 2-Hexanone	11.084	43	929206	83.986	ug/l	97
60) Dibromochloromethane	11.234	129	153188	19.163	ug/l	99
61) 1,2-Dibromoethane	11.344	107	158347	18.403	ug/l	100
64) Tetrachloroethene	10.974	164	145916	19.213	ug/l	92
65) Chlorobenzene	11.768	112	414001	18.448	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.838	131	148104	19.165	ug/l	100
67) Ethyl Benzene	11.843	91	780137	18.750	ug/l	96
68) m/p-Xylenes	11.950	106	573021	37.858	ug/l	91
69) o-Xylene	12.278	106	281532	18.743	ug/l	89
70) Styrene	12.294	104	451558	18.791	ug/l	95
71) Bromoform	12.455	173	109984	18.841	ug/l #	100
73) Isopropylbenzene	12.575	105	743388	18.161	ug/l	98
74) N-amyl acetate	12.388	43	282996	16.909	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	239777	17.345	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	223116m	19.443	ug/l	
77) Bromobenzene	12.860	156	165272	18.008	ug/l	76
78) n-propylbenzene	12.919	91	840131	18.353	ug/l	96
79) 2-Chlorotoluene	13.004	91	527447	18.214	ug/l	91
80) 1,3,5-Trimethylbenzene	13.058	105	622135	18.795	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.624	75	65040	16.885	ug/l	96
82) 4-Chlorotoluene	13.104	91	507113	18.743	ug/l	91
83) tert-Butylbenzene	13.321	119	523793	18.178	ug/l	93
84) 1,2,4-Trimethylbenzene	13.367	105	606215	19.053	ug/l	97
85) sec-Butylbenzene	13.501	105	725205	18.513	ug/l	98
86) p-Isopropyltoluene	13.613	119	586888	19.072	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	288489	18.897	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	277763	18.282	ug/l	94
89) n-Butylbenzene	13.940	91	466284	18.367	ug/l	97
90) Hexachloroethane	14.209	117	96752	17.987	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	274870	18.223	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.600	75	38880	16.580	ug/l	78
93) 1,2,4-Trichlorobenzene	15.260	180	127764	18.314	ug/l	98
94) Hexachlorobutadiene	15.367	225	89811	20.104	ug/l	98
95) Naphthalene	15.504	128	288959	16.553	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	122478	18.214	ug/l	98

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

