

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020122\
 Data File : VN070886.D
 Acq On : 1 Feb 2022 21:34
 Operator : JC/MD
 Sample : VN0201WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0201WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/02/2022
 Supervised By : Mahesh Dadoda 02/07/2022

Quant Time: Feb 02 00:40:27 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	864882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1406314	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1244809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	535881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	574566	46.354	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.700%		
35) Dibromofluoromethane	8.021	113	439233	50.351	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.700%		
50) Toluene-d8	10.440	98	1734358	47.194	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.380%		
62) 4-Bromofluorobenzene	12.728	95	609877	46.572	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	124611	12.468	ug/l	99
3) Chloromethane	2.306	50	184980	12.662	ug/l	98
4) Vinyl Chloride	2.448	62	184166	13.255	ug/l	98
5) Bromomethane	2.861	94	112149	15.498	ug/l	98
6) Chloroethane	3.027	64	115301	13.298	ug/l	98
7) Trichlorofluoromethane	3.381	101	243018	15.311	ug/l	99
8) Diethyl Ether	3.827	74	117041	16.880	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.213	101	147086	15.332	ug/l	97
10) Methyl Iodide	4.422	142	206960	16.730	ug/l	97
11) Tert butyl alcohol	5.369	59	211671	94.655	ug/l	99
12) 1,1-Dichloroethene	4.186	96	150412	15.720	ug/l	97
13) Acrolein	4.041	56	320168	99.828	ug/l	100
14) Allyl chloride	4.843	41	346553	16.623	ug/l #	84
15) Acrylonitrile	5.554	53	613573	86.249	ug/l	99
16) Acetone	4.288	43	533609	62.025	ug/l	98
17) Carbon Disulfide	4.529	76	414878	15.966	ug/l	98
18) Methyl Acetate	4.856	43	308513	18.235	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	627910	18.370	ug/l	94
20) Methylene Chloride	5.095	84	182659	16.118	ug/l	90
21) trans-1,2-Dichloroethene	5.597	96	158785	16.489	ug/l	88
22) Diisopropyl ether	6.498	45	728656	17.634	ug/l	92
23) Vinyl Acetate	6.433	43	3193829	91.181	ug/l	95
24) 1,1-Dichloroethane	6.388	63	348131	16.843	ug/l	99
25) 2-Butanone	7.335	43	875513	80.874	ug/l	93
26) 2,2-Dichloropropane	7.327	77	268417	16.938	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	199380	17.429	ug/l	89
28) Bromochloromethane	7.656	49	170119	18.332	ug/l #	80
29) Tetrahydrofuran	7.686	42	586811	88.527	ug/l	89
30) Chloroform	7.817	83	337682	16.390	ug/l	100
31) Cyclohexane	8.094	56	338094	15.490	ug/l	91
32) 1,1,1-Trichloroethane	8.013	97	283829	17.691	ug/l	99
36) 1,1-Dichloropropene	8.220	75	242623	16.521	ug/l	97
37) Ethyl Acetate	7.412	43	349667	17.935	ug/l	97
38) Carbon Tetrachloride	8.206	117	232881	17.825	ug/l	99
39) Methylcyclohexane	9.459	83	299150	16.500	ug/l	90
40) Benzene	8.458	78	875469	19.239	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	176165	17.760	ug/l #	88
42) 1,2-Dichloroethane	8.528	62	268906	17.043	ug/l	100
43) Isopropyl Acetate	8.560	43	619118	20.790	ug/l #	93
44) Trichloroethene	9.215	130	183827	17.820	ug/l	95
45) 1,2-Dichloropropane	9.488	63	217229	17.546	ug/l	99
46) Dibromomethane	9.577	93	130495	18.127	ug/l	98
47) Bromodichloromethane	9.759	83	265193	18.021	ug/l	98
48) Methyl methacrylate	9.558	41	274770	19.368	ug/l #	80
49) 1,4-Dioxane	9.569	88	77646	364.360	ug/l #	75
51) 4-Methyl-2-Pentanone	10.328	43	1785377	93.956	ug/l	99
52) Toluene	10.505	92	591180	21.719	ug/l	96
53) t-1,3-Dichloropropene	10.717	75	299977	18.406	ug/l	97
54) cis-1,3-Dichloropropene	10.188	75	329384	18.664	ug/l	97
55) 1,1,2-Trichloroethane	10.896	97	194285	18.169	ug/l	97
56) Ethyl methacrylate	10.759	69	343606	18.420	ug/l	89
57) 1,3-Dichloropropane	11.044	76	339847	17.953	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	513835	112.375	ug/l	91
59) 2-Hexanone	11.084	43	1296258	93.903	ug/l	98
60) Dibromochloromethane	11.237	129	193934	19.444	ug/l	100
61) 1,2-Dibromoethane	11.344	107	197900	18.433	ug/l	98
64) Tetrachloroethene	10.977	164	160139	17.546	ug/l	98
65) Chlorobenzene	11.768	112	498001	18.465	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.838	131	185758	20.001	ug/l	99
67) Ethyl Benzene	11.843	91	935049	18.700	ug/l	96
68) m/p-Xylenes	11.950	106	718758	39.513	ug/l	94
69) o-Xylene	12.277	106	351715	19.483	ug/l	95
70) Styrene	12.291	104	565370	19.577	ug/l	98
71) Bromoform	12.454	173	152313	21.711	ug/l #	100
73) Isopropylbenzene	12.575	105	881502	17.388	ug/l	98
74) N-amyl acetate	12.385	43	442199	21.333	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	305722	17.856	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	297810m	20.953	ug/l	
77) Bromobenzene	12.857	156	208239	18.320	ug/l	80
78) n-propylbenzene	12.918	91	995101	17.551	ug/l	96
79) 2-Chlorotoluene	13.004	91	618700	17.251	ug/l	92
80) 1,3,5-Trimethylbenzene	13.055	105	731054	17.832	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.623	75	92195	19.325	ug/l	90
82) 4-Chlorotoluene	13.101	91	597591	17.833	ug/l	92
83) tert-Butylbenzene	13.321	119	638427	17.889	ug/l	95
84) 1,2,4-Trimethylbenzene	13.366	105	745877	18.927	ug/l	95
85) sec-Butylbenzene	13.498	105	905071	18.655	ug/l	96
86) p-Isopropyltoluene	13.613	119	700532	18.380	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	356522	18.855	ug/l	97
88) 1,4-Dichlorobenzene	13.691	146	348862	18.540	ug/l	97
89) n-Butylbenzene	13.940	91	596406	18.968	ug/l	97
90) Hexachloroethane	14.208	117	110943	16.652	ug/l	95
91) 1,2-Dichlorobenzene	13.986	146	344156	18.422	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	58900	20.280	ug/l	86
93) 1,2,4-Trichlorobenzene	15.260	180	198854	22.135	ug/l	99
94) Hexachlorobutadiene	15.367	225	131790	23.820	ug/l	99
95) Naphthalene	15.501	128	603874	24.529	ug/l	98
96) 1,2,3-Trichlorobenzene	15.697	180	189370	21.939	ug/l	98

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

