

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020122\
 Data File : VN070872.D
 Acq On : 1 Feb 2022 15:39
 Operator : JC/MD
 Sample : VN0201WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0201WBS02

Quant Time: Feb 02 00:35:17 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	735950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1184202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1070272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	449942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	465442	44.129	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.260%		
35) Dibromofluoromethane	8.019	113	344844	46.946	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.900%		
50) Toluene-d8	10.440	98	1380972	44.626	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	89.260%		
62) 4-Bromofluorobenzene	12.728	95	487666	44.224	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	114579	13.473	ug/l	98
3) Chloromethane	2.303	50	199770	16.071	ug/l	98
4) Vinyl Chloride	2.451	62	191582	16.204	ug/l	98
5) Bromomethane	2.866	94	83531	13.565	ug/l	98
6) Chloroethane	3.025	64	101399	13.743	ug/l	97
7) Trichlorofluoromethane	3.384	101	244300	18.088	ug/l	100
8) Diethyl Ether	3.827	74	109455	18.552	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.210	101	151479	18.557	ug/l	95
10) Methyl Iodide	4.422	142	196928	18.708	ug/l	98
11) Tert butyl alcohol	5.369	59	162324	85.305	ug/l	98
12) 1,1-Dichloroethene	4.186	96	139831	17.175	ug/l	92
13) Acrolein	4.041	56	294763	108.008	ug/l	99
14) Allyl chloride	4.840	41	325587	18.354	ug/l	85
15) Acrylonitrile	5.554	53	549877	90.837	ug/l	99
16) Acetone	4.285	43	620151	84.713	ug/l	97
17) Carbon Disulfide	4.532	76	362803	16.408	ug/l	97
18) Methyl Acetate	4.856	43	261352	18.153	ug/l	92
19) Methyl tert-butyl Ether	5.615	73	570444	19.613	ug/l	92
20) Methylene Chloride	5.095	84	176138	18.266	ug/l	88
21) trans-1,2-Dichloroethene	5.597	96	150787	18.402	ug/l	89
22) Diisopropyl ether	6.498	45	688142	19.571	ug/l	92
23) Vinyl Acetate	6.433	43	2881328	96.670	ug/l	95
24) 1,1-Dichloroethane	6.388	63	329767	18.749	ug/l	99
25) 2-Butanone	7.335	43	808040	87.718	ug/l	93
26) 2,2-Dichloropropane	7.324	77	261474	19.390	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	183680	18.870	ug/l	87
28) Bromochloromethane	7.656	49	145527	18.429	ug/l #	77
29) Tetrahydrofuran	7.686	42	514730	91.257	ug/l	87
30) Chloroform	7.815	83	320805	18.358	ug/l	99
31) Cyclohexane	8.094	56	323259	17.405	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	262143	19.202	ug/l	98
36) 1,1-Dichloropropene	8.222	75	233344	18.869	ug/l	96
37) Ethyl Acetate	7.412	43	311975	19.003	ug/l	97
38) Carbon Tetrachloride	8.206	117	216319	19.663	ug/l	99
39) Methylcyclohexane	9.459	83	281668	18.450	ug/l	87
40) Benzene	8.458	78	722337	18.851	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	154817	18.535	ug/l #	88
42) 1,2-Dichloroethane	8.528	62	258560	19.461	ug/l	100
43) Isopropyl Acetate	8.558	43	495569	19.762	ug/l #	94
44) Trichloroethene	9.215	130	166274	19.141	ug/l	91
45) 1,2-Dichloropropane	9.488	63	202958	19.468	ug/l	100
46) Dibromomethane	9.577	93	120358	19.855	ug/l	95
47) Bromodichloromethane	9.759	83	244018	19.693	ug/l #	99
48) Methyl methacrylate	9.558	41	218703	18.307	ug/l #	82
49) 1,4-Dioxane	9.569	88	66604	371.166	ug/l #	82
51) 4-Methyl-2-Pentanone	10.328	43	1531709	95.726	ug/l	98
52) Toluene	10.502	92	445859	19.452	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	265411	19.217	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	295850	19.909	ug/l	98
55) 1,1,2-Trichloroethane	10.896	97	178300	19.802	ug/l	97
56) Ethyl methacrylate	10.759	69	289296	18.417	ug/l	88
57) 1,3-Dichloropropane	11.041	76	314670	19.741	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.038	63	264207	76.888	ug/l	90
59) 2-Hexanone	11.084	43	1088104	93.608	ug/l	97
60) Dibromochloromethane	11.237	129	170950	20.354	ug/l	98
61) 1,2-Dibromoethane	11.344	107	176920	19.570	ug/l	98
64) Tetrachloroethene	10.977	164	153373	19.545	ug/l	96
65) Chlorobenzene	11.768	112	456487	19.686	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.838	131	164283	20.574	ug/l	99
67) Ethyl Benzene	11.843	91	844980	19.654	ug/l	97
68) m/p-Xylenes	11.950	106	621887	39.763	ug/l	91
69) o-Xylene	12.278	106	306688	19.760	ug/l	92
70) Styrene	12.294	104	494153	19.901	ug/l	96
71) Bromoform	12.457	173	124470	20.636	ug/l #	100
73) Isopropylbenzene	12.575	105	808623	18.997	ug/l	97
74) N-amyl acetate	12.387	43	317008	18.215	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.825	83	277041	19.271	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	241321m	20.222	ug/l	
77) Bromobenzene	12.859	156	183892	19.268	ug/l	77
78) n-propylbenzene	12.918	91	915815	19.238	ug/l	96
79) 2-Chlorotoluene	13.004	91	577269	19.170	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	667354	19.387	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.623	75	74122	18.504	ug/l	95
82) 4-Chlorotoluene	13.104	91	551449	19.600	ug/l	92
83) tert-Butylbenzene	13.321	119	572835	19.117	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	653729	19.757	ug/l	97
85) sec-Butylbenzene	13.500	105	795132	19.519	ug/l	97
86) p-Isopropyltoluene	13.613	119	632558	19.767	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	316214	19.918	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	309371	19.581	ug/l	96
89) n-Butylbenzene	13.940	91	506784	19.196	ug/l	97
90) Hexachloroethane	14.206	117	104452	18.673	ug/l	94
91) 1,2-Dichlorobenzene	13.986	146	305234	19.460	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	44022	18.053	ug/l	81
93) 1,2,4-Trichlorobenzene	15.263	180	146540	19.846	ug/l	99
94) Hexachlorobutadiene	15.367	225	98490	21.201	ug/l	100
95) Naphthalene	15.504	128	340883	18.113	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	138936	19.576	ug/l	99

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

