

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011222\
 Data File : VN070582.D
 Acq On : 12 Jan 2022 13:29
 Operator : JC/MD
 Sample : VN0112WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0112WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/13/2022
 Supervised By : Mahesh Dadoda 01/13/2022

Quant Time: Jan 13 04:25:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	885012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1417434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1288246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	540555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	612517	48.136	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.280%		
35) Dibromofluoromethane	8.019	113	446188	52.026	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	104.060%		
50) Toluene-d8	10.438	98	1813548	51.765	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.520%		
62) 4-Bromofluorobenzene	12.728	95	655416	51.796	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	150912	15.036	ug/l	97
3) Chloromethane	2.303	50	217140	15.905	ug/l	96
4) Vinyl Chloride	2.451	62	196647	15.820	ug/l	99
5) Bromomethane	2.867	94	119301	18.595	ug/l	99
6) Chloroethane	3.027	64	124684	16.656	ug/l	99
7) Trichlorofluoromethane	3.384	101	256263	17.128	ug/l	97
8) Diethyl Ether	3.824	74	119705	18.150	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.213	101	161250	17.621	ug/l	95
10) Methyl Iodide	4.425	142	210919	17.031	ug/l	98
11) Tert butyl alcohol	5.369	59	187194	88.352	ug/l	97
12) 1,1-Dichloroethene	4.183	96	150157	16.659	ug/l	93
13) Acrolein	4.041	56	148311	86.272	ug/l	99
14) Allyl chloride	4.840	41	360518	17.642	ug/l #	84
15) Acrylonitrile	5.554	53	615407	93.080	ug/l	99
16) Acetone	4.285	43	715240	86.587	ug/l	97
17) Carbon Disulfide	4.532	76	368456	14.976	ug/l	99
18) Methyl Acetate	4.854	43	435672	18.233	ug/l	92
19) Methyl tert-butyl Ether	5.613	73	622245	18.589	ug/l	93
20) Methylene Chloride	5.095	84	193981	16.973	ug/l	87
21) trans-1,2-Dichloroethene	5.599	96	162109	16.986	ug/l	85
22) Diisopropyl ether	6.495	45	779943	19.595	ug/l #	90
23) Vinyl Acetate	6.431	43	2887017	93.484	ug/l	95
24) 1,1-Dichloroethane	6.385	63	367072	17.786	ug/l	99
25) 2-Butanone	7.332	43	938408	90.224	ug/l	92
26) 2,2-Dichloropropane	7.321	77	275397	16.915	ug/l	98
27) cis-1,2-Dichloroethene	7.321	96	205347	18.033	ug/l	88
28) Bromochloromethane	7.657	49	215439	21.345	ug/l #	76
29) Tetrahydrofuran	7.683	42	578727	93.261	ug/l #	87
30) Chloroform	7.817	83	351776	17.668	ug/l	99
31) Cyclohexane	8.094	56	355990	17.728	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	281297	16.756	ug/l	97
36) 1,1-Dichloropropene	8.220	75	253461	17.865	ug/l	96
37) Ethyl Acetate	7.410	43	351849	19.133	ug/l	96
38) Carbon Tetrachloride	8.206	117	226019	16.684	ug/l	99
39) Methylcyclohexane	9.456	83	306944	17.871	ug/l	88
40) Benzene	8.458	78	805866	18.528	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.632	41	185320	20.148	ug/l #	84
42) 1,2-Dichloroethane	8.528	62	287182	17.566	ug/l	100
43) Isopropyl Acetate	8.560	43	554900	19.139	ug/l #	94
44) Trichloroethene	9.215	130	183421	17.748	ug/l	93
45) 1,2-Dichloropropane	9.488	63	228161	19.483	ug/l	99
46) Dibromomethane	9.574	93	132673	18.219	ug/l	95
47) Bromodichloromethane	9.759	83	261829	18.108	ug/l	99
48) Methyl methacrylate	9.558	41	243960	17.640	ug/l #	85
49) 1,4-Dioxane	9.569	88	74478	367.899	ug/l #	82
51) 4-Methyl-2-Pentanone	10.328	43	1757836	96.487	ug/l	97
52) Toluene	10.502	92	492992	18.726	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	286039	18.273	ug/l	97
54) cis-1,3-Dichloropropene	10.188	75	319773	18.884	ug/l	98
55) 1,1,2-Trichloroethane	10.896	97	198749	19.080	ug/l	95
56) Ethyl methacrylate	10.760	69	323458	18.793	ug/l	88
57) 1,3-Dichloropropane	11.041	76	352115	19.112	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.038	63	278538	77.177	ug/l	89
59) 2-Hexanone	11.081	43	1271842	95.730	ug/l	96
60) Dibromochloromethane	11.234	129	183910	18.095	ug/l	99
61) 1,2-Dibromoethane	11.342	107	192540	18.204	ug/l	99
64) Tetrachloroethene	10.974	164	173026	18.548	ug/l	95
65) Chlorobenzene	11.768	112	508241	18.594	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.838	131	177463	18.186	ug/l	98
67) Ethyl Benzene	11.843	91	948030	18.930	ug/l	95
68) m/p-Xylenes	11.950	106	691750	37.946	ug/l	93
69) o-Xylene	12.278	106	343169	18.925	ug/l	92
70) Styrene	12.291	104	551641	19.222	ug/l	96
71) Bromoform	12.455	173	130353	18.000	ug/l #	99
73) Isopropylbenzene	12.575	105	906075	18.050	ug/l	98
74) N-amyl acetate	12.385	43	367864	17.429	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	312043	18.007	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	261699m	18.193	ug/l	
77) Bromobenzene	12.857	156	205265	17.811	ug/l	76
78) n-propylbenzene	12.919	91	1019378	18.328	ug/l	96
79) 2-Chlorotoluene	13.004	91	633272	17.745	ug/l	93
80) 1,3,5-Trimethylbenzene	13.055	105	737299	18.329	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.624	75	76441	17.277	ug/l	98
82) 4-Chlorotoluene	13.104	91	608409	18.200	ug/l	93
83) tert-Butylbenzene	13.321	119	643489	18.167	ug/l	95
84) 1,2,4-Trimethylbenzene	13.366	105	716679	18.502	ug/l	99
85) sec-Butylbenzene	13.498	105	888825	18.483	ug/l	97
86) p-Isopropyltoluene	13.613	119	706722	18.708	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	354605	18.380	ug/l	97
88) 1,4-Dichlorobenzene	13.691	146	343303	18.039	ug/l	96
89) n-Butylbenzene	13.940	91	567704	18.017	ug/l	97
90) Hexachloroethane	14.209	117	109398	16.670	ug/l	94
91) 1,2-Dichlorobenzene	13.986	146	342466	18.107	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	47705	16.405	ug/l	83
93) 1,2,4-Trichlorobenzene	15.260	180	160929	18.058	ug/l	98
94) Hexachlorobutadiene	15.367	225	107841	20.822	ug/l	98
95) Naphthalene	15.504	128	389674	17.050	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	155508	18.768	ug/l	99

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

