

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020222\
 Data File : VN070907.D
 Acq On : 2 Feb 2022 22:24
 Operator : JC/MD
 Sample : VN0202WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0202WBS01

Quant Time: Feb 03 05:59:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:30:39 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/03/2022
 Supervised By : Mahesh Dadoda 02/04/2022

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	714161	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1190740	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1069815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	442891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	499647	51.686	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.380%			
35) Dibromofluoromethane	8.021	113	367565	51.529	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.060%			
50) Toluene-d8	10.440	98	1519549	51.883	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.760%			
62) 4-Bromofluorobenzene	12.731	95	523425	49.599	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.200%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	168633	21.281	ug/l	98
3) Chloromethane	2.303	50	214671	21.449	ug/l	99
4) Vinyl Chloride	2.445	62	132196	15.811	ug/l	99
5) Bromomethane	2.856	94	91661	21.434	ug/l	97
6) Chloroethane	3.019	64	83994	22.151	ug/l	96
7) Trichlorofluoromethane	3.376	101	202223	21.658	ug/l	100
8) Diethyl Ether	3.824	74	114128	21.075	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.205	101	148669	21.102	ug/l	95
10) Methyl Iodide	4.417	142	203186	19.546	ug/l	99
11) Tert butyl alcohol	5.380	59	212422	104.575	ug/l	99
12) 1,1-Dichloroethene	4.178	96	151509	21.051	ug/l	93
13) Acrolein	4.041	56	223333	99.865	ug/l	99
14) Allyl chloride	4.838	41	341594	20.835	ug/l #	83
15) Acrylonitrile	5.557	53	629404	110.956	ug/l	99
16) Acetone	4.288	43	531583	91.964	ug/l	97
17) Carbon Disulfide	4.527	76	446258	19.965	ug/l	98
18) Methyl Acetate	4.859	43	296255	22.221	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	577274	21.008	ug/l	94
20) Methylene Chloride	5.093	84	180981	20.618	ug/l	89
21) trans-1,2-Dichloroethene	5.597	96	155876	20.313	ug/l	87
22) Diisopropyl ether	6.498	45	692993	21.821	ug/l	93
23) Vinyl Acetate	6.436	43	3030047	107.869	ug/l	95
24) 1,1-Dichloroethane	6.385	63	336227	21.027	ug/l	98
25) 2-Butanone	7.337	43	885857	106.172	ug/l	93
26) 2,2-Dichloropropane	7.324	77	237035	18.875	ug/l	99
27) cis-1,2-Dichloroethene	7.324	96	184755	20.386	ug/l	87
28) Bromochloromethane	7.656	49	147995	21.210	ug/l #	77
29) Tetrahydrofuran	7.686	42	620324	114.460	ug/l	88
30) Chloroform	7.820	83	319609	21.010	ug/l	99
31) Cyclohexane	8.094	56	341936	20.819	ug/l	88
32) 1,1,1-Trichloroethane	8.016	97	264519	20.601	ug/l	98
36) 1,1-Dichloropropene	8.222	75	236300	20.391	ug/l	96
37) Ethyl Acetate	7.415	43	355178	22.238	ug/l	97
38) Carbon Tetrachloride	8.206	117	214981	20.314	ug/l	98
39) Methylcyclohexane	9.461	83	287066	20.151	ug/l	88
40) Benzene	8.461	78	748156	20.550	ug/l	99

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41) Methacrylonitrile	7.635	41	174131	21.699	ug/l #	89
42) 1,2-Dichloroethane	8.531	62	257327	20.762	ug/l	99
43) Isopropyl Acetate	8.563	43	533283	19.862	ug/l	95
44) Trichloroethene	9.215	130	168649	20.019	ug/l	95
45) 1,2-Dichloropropane	9.491	63	206261	21.157	ug/l	99
46) Dibromomethane	9.577	93	120839	20.691	ug/l	96
47) Bromodichloromethane	9.762	83	245177	20.842	ug/l	98
48) Methyl methacrylate	9.561	41	239075	20.653	ug/l #	83
49) 1,4-Dioxane	9.569	88	83367	429.903	ug/l	87
51) 4-Methyl-2-Pentanone	10.330	43	1744433	110.383	ug/l	98
52) Toluene	10.505	92	455638	20.199	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	262117	19.743	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	292740	20.274	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	177968	20.773	ug/l	98
56) Ethyl methacrylate	10.762	69	307704	20.621	ug/l	89
57) 1,3-Dichloropropane	11.044	76	317276	21.155	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	278234	83.099	ug/l	90
59) 2-Hexanone	11.087	43	1250323	108.363	ug/l	97
60) Dibromochloromethane	11.237	129	170504	20.066	ug/l	99
61) 1,2-Dibromoethane	11.344	107	181798	20.633	ug/l	99
64) Tetrachloroethene	10.977	164	147528	21.069	ug/l	97
65) Chlorobenzene	11.771	112	455958	20.364	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	163501	20.922	ug/l	98
67) Ethyl Benzene	11.843	91	848625	20.791	ug/l	97
68) m/p-Xylenes	11.953	106	629633	41.633	ug/l	93
69) o-Xylene	12.280	106	309554	20.451	ug/l	93
70) Styrene	12.294	104	498247	20.886	ug/l	97
71) Bromoform	12.457	173	129000	19.992	ug/l #	100
73) Isopropylbenzene	12.578	105	804822	20.828	ug/l	98
74) N-amyl acetate	12.387	43	355459	20.539	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.827	83	287229	21.459	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	230964m	21.666	ug/l	
77) Bromobenzene	12.860	156	185970	20.075	ug/l	77
78) n-propylbenzene	12.919	91	905039	20.537	ug/l	96
79) 2-Chlorotoluene	13.007	91	566319	20.667	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	653719	20.869	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	77446	19.693	ug/l	95
82) 4-Chlorotoluene	13.104	91	539608	20.432	ug/l	91
83) tert-Butylbenzene	13.323	119	559951	20.497	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	649033	21.188	ug/l	97
85) sec-Butylbenzene	13.501	105	781905	20.457	ug/l	97
86) p-Isopropyltoluene	13.616	119	622484	20.653	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	311605	20.222	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	302467	19.623	ug/l	96
89) n-Butylbenzene	13.943	91	503346	18.950	ug/l	97
90) Hexachloroethane	14.209	117	105897	19.825	ug/l	94
91) 1,2-Dichlorobenzene	13.989	146	302460	20.460	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	50213	20.703	ug/l	82
93) 1,2,4-Trichlorobenzene	15.263	180	149780	18.310	ug/l	96
94) Hexachlorobutadiene	15.370	225	96877	19.622	ug/l	99
95) Naphthalene	15.504	128	382206	18.835	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	145356	19.698	ug/l	98

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

