

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011322\
 Data File : VN070611.D
 Acq On : 13 Jan 2022 14:58
 Operator : JC/MD
 Sample : VN0113WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0113WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/14/2022
 Supervised By : Mahesh Dadoda 01/14/2022

Quant Time: Jan 14 04:53:59 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	8.086	168	789085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1299371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1197182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	500724	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	600231	52.905	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.800%			
35) Dibromofluoromethane	8.021	113	445137	56.620	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 113.240%			
50) Toluene-d8	10.440	98	1768019	55.050	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.100%			
62) 4-Bromofluorobenzene	12.731	95	647278	55.801	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 111.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	153876	17.195	ug/l	99
3) Chloromethane	2.303	50	220420	18.107	ug/l	100
4) Vinyl Chloride	2.445	62	197419	17.813	ug/l	99
5) Bromomethane	2.850	94	117717	20.579	ug/l	99
6) Chloroethane	3.017	64	121630	18.223	ug/l	98
7) Trichlorofluoromethane	3.373	101	264035	19.793	ug/l	99
8) Diethyl Ether	3.821	74	117701	20.015	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.207	101	161931	19.847	ug/l	96
10) Methyl Iodide	4.419	142	202699	18.357	ug/l	98
11) Tert butyl alcohol	5.382	59	223245	118.176	ug/l	99
12) 1,1-Dichloroethene	4.175	96	153211	19.064	ug/l	92
13) Acrolein	4.041	56	122429	79.874	ug/l	100
14) Allyl chloride	4.840	41	373322	20.489	ug/l #	83
15) Acrylonitrile	5.556	53	705536	119.684	ug/l	99
16) Acetone	4.288	43	696034	94.505	ug/l	98
17) Carbon Disulfide	4.527	76	370789	16.903	ug/l	98
18) Methyl Acetate	4.856	43	489408	22.972	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	637024	21.344	ug/l	94
20) Methylene Chloride	5.090	84	200769	19.703	ug/l	87
21) trans-1,2-Dichloroethene	5.594	96	164869	19.376	ug/l	86
22) Diisopropyl ether	6.498	45	790078	22.263	ug/l #	91
23) Vinyl Acetate	6.434	43	3007099	109.210	ug/l	95
24) 1,1-Dichloroethane	6.385	63	380747	20.691	ug/l	98
25) 2-Butanone	7.337	43	1046478	112.847	ug/l	90
26) 2,2-Dichloropropane	7.324	77	278763	19.203	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	207812	20.468	ug/l	86
28) Bromochloromethane	7.656	49	211775	23.532	ug/l #	76
29) Tetrahydrofuran	7.686	42	680633	123.016	ug/l #	87
30) Chloroform	7.817	83	365004	20.561	ug/l	98
31) Cyclohexane	8.094	56	356546	19.915	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	294516	19.676	ug/l	97
36) 1,1-Dichloropropene	8.222	75	258347	19.864	ug/l	96
37) Ethyl Acetate	7.415	43	388498	23.045	ug/l	96
38) Carbon Tetrachloride	8.206	117	237557	19.129	ug/l	99
39) Methylcyclohexane	9.459	83	302689	19.224	ug/l #	87
40) Benzene	8.458	78	834472	20.929	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	201733	23.925	ug/l #	87
42) 1,2-Dichloroethane	8.531	62	298574	19.922	ug/l	98
43) Isopropyl Acetate	8.560	43	596008	22.424	ug/l #	94
44) Trichloroethene	9.215	130	185501	19.580	ug/l	92
45) 1,2-Dichloropropane	9.491	63	233117	21.715	ug/l	99
46) Dibromomethane	9.579	93	138707	20.778	ug/l	95
47) Bromodichloromethane	9.762	83	274553	20.713	ug/l	99
48) Methyl methacrylate	9.561	41	286158	22.572	ug/l #	78
49) 1,4-Dioxane	9.569	88	93976	506.392	ug/l #	82
51) 4-Methyl-2-Pentanone	10.330	43	2025403	121.275	ug/l	97
52) Toluene	10.505	92	515740	21.370	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	295936	20.623	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	328484	21.161	ug/l	98
55) 1,1,2-Trichloroethane	10.896	97	207817	21.763	ug/l	95
56) Ethyl methacrylate	10.762	69	345071	21.870	ug/l	88
57) 1,3-Dichloropropane	11.044	76	367472	21.757	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	640559	165.682	ug/l	90
59) 2-Hexanone	11.084	43	1468450	120.571	ug/l	97
60) Dibromochloromethane	11.237	129	193513	20.770	ug/l	100
61) 1,2-Dibromoethane	11.344	107	203270	20.965	ug/l	100
64) Tetrachloroethene	10.977	164	168419	19.427	ug/l	97
65) Chlorobenzene	11.768	112	524816	20.661	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	183357	20.220	ug/l	98
67) Ethyl Benzene	11.843	91	975935	20.969	ug/l	96
68) m/p-Xylenes	11.953	106	716819	42.312	ug/l	92
69) o-Xylene	12.280	106	354520	21.039	ug/l	92
70) Styrene	12.294	104	581015	21.785	ug/l	97
71) Bromoform	12.457	173	143164	21.272	ug/l #	99
73) Isopropylbenzene	12.578	105	925616	19.906	ug/l	99
74) N-amyl acetate	12.387	43	410524	20.997	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.827	83	340355	21.262	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	278525m	20.495	ug/l	
77) Bromobenzene	12.860	156	213672	20.015	ug/l	74
78) n-propylbenzene	12.919	91	1050726	20.394	ug/l	96
79) 2-Chlorotoluene	13.007	91	660048	19.967	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	757340	20.324	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.623	75	88350	21.557	ug/l	98
82) 4-Chlorotoluene	13.104	91	621040	20.056	ug/l	93
83) tert-Butylbenzene	13.323	119	656429	20.006	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	747990	20.846	ug/l	97
85) sec-Butylbenzene	13.500	105	919479	20.641	ug/l	97
86) p-Isopropyltoluene	13.616	119	718486	20.532	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	357754	20.018	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	348093	19.746	ug/l	95
89) n-Butylbenzene	13.943	91	574944	19.698	ug/l	97
90) Hexachloroethane	14.211	117	125406	20.629	ug/l	91
91) 1,2-Dichlorobenzene	13.989	146	356499	20.348	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	55043	20.434	ug/l	83
93) 1,2,4-Trichlorobenzene	15.263	180	164227	19.894	ug/l	99
94) Hexachlorobutadiene	15.370	225	111965	23.338	ug/l	97
95) Naphthalene	15.504	128	435112	20.183	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	162971	21.125	ug/l	97

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

