

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112921\
 Data File : VN069668.D
 Acq On : 29 Nov 2021 17:01
 Operator : JC/MD
 Sample : VN1129WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/30/2021
 Supervised By : Mahesh Dadoda 12/01/2021

Quant Time: Nov 30 04:18:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1251830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2003686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1763433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	705700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	892005	49.144	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.280%		
35) Dibromofluoromethane	8.021	113	629911	52.417	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	104.840%		
50) Toluene-d8	10.440	98	2338724	49.483	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.960%		
62) 4-Bromofluorobenzene	12.731	95	821301	47.302	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	217507	16.263	ug/l	99
3) Chloromethane	2.306	50	245138	15.805	ug/l	99
4) Vinyl Chloride	2.451	62	242620	15.623	ug/l	99
5) Bromomethane	2.861	94	146311	14.506	ug/l	99
6) Chloroethane	3.027	64	158189	15.091	ug/l	96
7) Trichlorofluoromethane	3.382	101	357706	14.903	ug/l	99
8) Diethyl Ether	3.827	74	148968	19.183	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.208	101	207566	18.359	ug/l	97
10) Methyl Iodide	4.425	142	254375	18.343	ug/l	99
11) Tert butyl alcohol	5.380	59	270430	82.682	ug/l #	84
12) 1,1-Dichloroethene	4.181	96	181395	17.878	ug/l	90
13) Acrolein	4.047	56	33484	67.467	ug/l	100
14) Allyl chloride	4.840	41	417467	18.610	ug/l	94
15) Acrylonitrile	5.557	53	809149	96.606	ug/l	98
16) Acetone	4.291	43	975218	99.581	ug/l	96
17) Carbon Disulfide	4.532	76	310732	12.956	ug/l	100
18) Methyl Acetate	4.859	43	597819	18.779	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	854680	19.905	ug/l	95
20) Methylene Chloride	5.098	84	246254	17.733	ug/l	88
21) trans-1,2-Dichloroethene	5.599	96	192692	17.004	ug/l #	81
22) Diisopropyl ether	6.498	45	967704	20.027	ug/l	95
23) Vinyl Acetate	6.436	43	3647086	97.585	ug/l	95
24) 1,1-Dichloroethane	6.388	63	468886	19.051	ug/l	98
25) 2-Butanone	7.337	43	1274606	96.119	ug/l	92
26) 2,2-Dichloropropane	7.327	77	375477	19.499	ug/l	95
27) cis-1,2-Dichloroethene	7.327	96	263698	18.771	ug/l	86
28) Bromochloromethane	7.659	49	293532	23.289	ug/l #	81
29) Tetrahydrofuran	7.686	42	785712	96.551	ug/l	88
30) Chloroform	7.820	83	488750	19.370	ug/l	100
31) Cyclohexane	8.094	56	408105	16.458	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	400480	19.015	ug/l	95
36) 1,1-Dichloropropene	8.222	75	317833	18.852	ug/l	96
37) Ethyl Acetate	7.412	43	465160	20.410	ug/l	97
38) Carbon Tetrachloride	8.204	117	317596	19.512	ug/l	99
39) Methylcyclohexane	9.459	83	366719	17.485	ug/l	90
40) Benzene	8.461	78	996935	19.157	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	248581	21.109	ug/l	88
42) 1,2-Dichloroethane	8.531	62	423310	20.774	ug/l	97
43) Isopropyl Acetate	8.563	43	754411	20.608	ug/l	94
44) Trichloroethene	9.217	130	239538	19.233	ug/l	93
45) 1,2-Dichloropropane	9.491	63	286571	20.611	ug/l	98
46) Dibromomethane	9.577	93	181802	19.522	ug/l	93
47) Bromodichloromethane	9.762	83	351287	20.214	ug/l	99
48) Methyl methacrylate	9.558	41	334504	19.422	ug/l	92
49) 1,4-Dioxane	9.569	88	102393	327.337	ug/l #	86
51) 4-Methyl-2-Pentanone	10.330	43	2444791	103.467	ug/l	95
52) Toluene	10.505	92	622522	19.202	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	358181	18.517	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	395981	18.710	ug/l #	88
55) 1,1,2-Trichloroethane	10.899	97	270182	20.674	ug/l	97
56) Ethyl methacrylate	10.760	69	432834	18.906	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	463589	20.187	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	493195	93.557	ug/l	93
59) 2-Hexanone	11.084	43	1718111	91.324	ug/l	93
60) Dibromochloromethane	11.240	129	244482	18.638	ug/l	99
61) 1,2-Dibromoethane	11.344	107	262281	18.666	ug/l	100
64) Tetrachloroethene	10.977	164	216502	20.333	ug/l	95
65) Chlorobenzene	11.771	112	669839	20.407	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	247484	21.738	ug/l	99
67) Ethyl Benzene	11.843	91	1229510	20.310	ug/l	96
68) m/p-Xylenes	11.953	106	882649	39.643	ug/l	92
69) o-Xylene	12.280	106	442309	19.927	ug/l	91
70) Styrene	12.294	104	709966	18.793	ug/l	96
71) Bromoform	12.457	173	167471	19.207	ug/l #	99
73) Isopropylbenzene	12.578	105	1199229	21.343	ug/l	99
74) N-amyl acetate	12.388	43	457802	19.225	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	413812	21.836	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	351324m	21.572	ug/l	
77) Bromobenzene	12.860	156	271757	21.148	ug/l	80
78) n-propylbenzene	12.921	91	1340046	21.195	ug/l	96
79) 2-Chlorotoluene	13.007	91	816632	20.861	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	1013163	22.305	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	89445	20.243	ug/l	84
82) 4-Chlorotoluene	13.104	91	760885	20.389	ug/l	92
83) tert-Butylbenzene	13.324	119	845960	21.252	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	1183673	26.993	ug/l	98
85) sec-Butylbenzene	13.501	105	1149417	20.671	ug/l	98
86) p-Isopropyltoluene	13.616	119	898833	20.362	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	452760	20.322	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	434862	19.896	ug/l	95
89) n-Butylbenzene	13.943	91	712380	19.353	ug/l	98
90) Hexachloroethane	14.211	117	151565	20.035	ug/l	85
91) 1,2-Dichlorobenzene	13.989	146	452369	21.338	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	66237	19.921	ug/l	78
93) 1,2,4-Trichlorobenzene	15.263	180	186882	18.890	ug/l	98
94) Hexachlorobutadiene	15.370	225	123996	22.510	ug/l	97
95) Naphthalene	15.507	128	1086551	36.047	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	182670	19.277	ug/l	98

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

