

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111521\
 Data File : VN069493.D
 Acq On : 15 Nov 2021 16:07
 Operator : JC/MD
 Sample : M4068-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2021

Quant Time: Nov 16 02:47:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 02:35:15 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/16/2021
 Supervised By : Mahesh Dadoda 11/18/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	943387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1620400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1419710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	471265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	768259	56.165	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.320%			
35) Dibromofluoromethane	8.021	113	503740	51.833	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.660%			
50) Toluene-d8	10.441	98	1956302	51.182	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.360%			
62) 4-Bromofluorobenzene	12.731	95	592190	42.174	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 84.340%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	8487	0.842	ug/l	97
3) Chloromethane	2.303	50	13154	1.125	ug/l	96
4) Vinyl Chloride	2.448	62	10820	0.925	ug/l	94
5) Bromomethane	2.869	94	9375	1.233	ug/l	85
6) Chloroethane	3.025	64	7243	0.917	ug/l	98
7) Trichlorofluoromethane	3.382	101	15789	0.873	ug/l	89
8) Diethyl Ether	3.827	74	5483m	0.937	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.213	101	7590m	0.891	ug/l	
10) Methyl Iodide	4.420	142	8721m	0.835	ug/l	
12) 1,1-Dichloroethene	4.178	96	7728	1.011	ug/l	86
13) Acrolein	4.044	56	3391m	8.757	ug/l	
14) Allyl chloride	4.838	41	11458	0.678	ug/l #	85
15) Acrylonitrile	5.562	53	26815	4.248	ug/l	95
16) Acetone	4.296	43	39300	5.325	ug/l	97
17) Carbon Disulfide	4.521	76	14993m	0.830	ug/l	
18) Methyl Acetate	4.859	43	24675	1.029	ug/l #	76
19) Methyl tert-butyl Ether	5.618	73	27808	0.859	ug/l #	87
20) Methylene Chloride	5.093	84	12493m	1.194	ug/l	
21) trans-1,2-Dichloroethene	5.583	96	7759m	0.909	ug/l	
22) Diisopropyl ether	6.501	45	31469	0.864	ug/l #	96
23) Vinyl Acetate	6.436	43	108984	3.870	ug/l	99
24) 1,1-Dichloroethane	6.393	63	16608m	0.895	ug/l	
25) 2-Butanone	7.346	43	43582	4.361	ug/l #	86
26) 2,2-Dichloropropane	7.321	77	14334	0.988	ug/l #	66
27) cis-1,2-Dichloroethene	7.332	96	9471m	0.895	ug/l	
28) Bromochloromethane	7.659	49	10272	1.081	ug/l #	83
29) Tetrahydrofuran	7.697	42	26506	4.322	ug/l	89
30) Chloroform	7.815	83	17389	0.914	ug/l	99
31) Cyclohexane	8.086	56	39939	2.137	ug/l #	64
32) 1,1,1-Trichloroethane	8.013	97	12896	0.813	ug/l #	45
36) 1,1-Dichloropropene	8.217	75	12402	0.910	ug/l #	76
37) Ethyl Acetate	7.415	43	13910	0.755	ug/l #	89
38) Carbon Tetrachloride	8.212	117	11493	0.873	ug/l	85
39) Methylcyclohexane	9.459	83	13539	0.798	ug/l #	86
40) Benzene	8.461	78	39467	0.938	ug/l	96
41) Methacrylonitrile	7.641	41	9197	0.966	ug/l #	75

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42) 1,2-Dichloroethane	8.528	62	16820	1.021	ug/l	98
43) Isopropyl Acetate	8.560	43	25122	0.849	ug/l #	71
44) Trichloroethene	9.218	130	8558	0.850	ug/l	79
45) 1,2-Dichloropropane	9.491	63	9921	0.882	ug/l #	86
46) Dibromomethane	9.577	93	6062	0.805	ug/l #	65
47) Bromodichloromethane	9.759	83	10724	0.763	ug/l #	99
48) Methyl methacrylate	9.561	41	10430	0.749	ug/l	90
49) 1,4-Dioxane	9.580	88	3766	15.160	ug/l	90
51) 4-Methyl-2-Pentanone	10.333	43	80111	4.192	ug/l	90
52) Toluene	10.502	92	23332	0.890	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	9682	0.659	ug/l	91
54) cis-1,3-Dichloropropene	10.188	75	10592	0.661	ug/l #	80
55) 1,1,2-Trichloroethane	10.899	97	9188	0.869	ug/l	94
56) Ethyl methacrylate	10.765	69	12643	0.723	ug/l #	83
57) 1,3-Dichloropropane	11.041	76	15779	0.850	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.041	63	15157	3.738	ug/l	90
59) 2-Hexanone	11.090	43	53414	3.751	ug/l	89
60) Dibromochloromethane	11.237	129	6734	0.681	ug/l	96
61) 1,2-Dibromoethane	11.344	107	8227	0.769	ug/l	95
64) Tetrachloroethene	10.982	164	8260m	0.964	ug/l	
65) Chlorobenzene	11.771	112	22527	0.852	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.838	131	6970	0.760	ug/l #	63
67) Ethyl Benzene	11.846	91	39776	0.816	ug/l	100
68) m/p-Xylenes	11.950	106	27784	1.550	ug/l	95
69) o-Xylene	12.283	106	13602	0.761	ug/l	88
70) Styrene	12.296	104	20809	0.725	ug/l	97
71) Bromoform	12.463	173	3943	0.603	ug/l #	94
73) Isopropylbenzene	12.581	105	34371	0.916	ug/l	98
74) N-amyl acetate	12.393	43	13517	0.850	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.830	83	12604	0.996	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	11269m	1.036	ug/l	
77) Bromobenzene	12.862	156	8827	1.029	ug/l	77
78) n-propylbenzene	12.921	91	39402	0.933	ug/l	96
79) 2-Chlorotoluene	13.007	91	24074	0.921	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	25685	0.847	ug/l	94
82) 4-Chlorotoluene	13.109	91	24168m	0.970	ug/l	
83) tert-Butylbenzene	13.324	119	23874	0.898	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	24956	0.852	ug/l	99
85) sec-Butylbenzene	13.503	105	29705	0.800	ug/l	97
86) p-Isopropyltoluene	13.616	119	23405	0.794	ug/l	96
87) 1,3-Dichlorobenzene	13.619	146	13463	0.905	ug/l	95
88) 1,4-Dichlorobenzene	13.699	146	13224m	0.906	ug/l	
89) n-Butylbenzene	13.946	91	18055	0.734	ug/l	96
90) Hexachloroethane	14.214	117	3447	0.713	ug/l	84
91) 1,2-Dichlorobenzene	13.991	146	13572	0.959	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.600	75	1770	0.866	ug/l #	57
93) 1,2,4-Trichlorobenzene	15.263	180	4366	0.700	ug/l	89
94) Hexachlorobutadiene	15.375	225	3257	0.885	ug/l	94
95) Naphthalene	15.512	128	13863	0.829	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.700	180	4862	0.814	ug/l	90

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