

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110921\
 Data File : VN069426.D
 Acq On : 9 Nov 2021 18:54
 Operator : JC/MD
 Sample : M4068-07 .75PPB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2021

Quant Time: Nov 10 16:17:43 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

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/11/2021
 Supervised By :Semsettin Yesilyurt 11/17/2021

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	886463	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	1574185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1369453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	435301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	754640	58.712	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 117.420%			
35) Dibromofluoromethane	8.024	113	494587	52.386	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.780%			
50) Toluene-d8	10.443	98	1955603	52.666	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.340%			
62) 4-Bromofluorobenzene	12.734	95	573946	42.075	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 84.140%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.075	85	5700	0.602	ug/l	90
3) Chloromethane	2.303	50	10081	0.918	ug/l	97
4) Vinyl Chloride	2.448	62	7697	0.700	ug/l	# 75
5) Bromomethane	2.867	94	8206	1.149	ug/l	98
6) Chloroethane	3.025	64	4889	0.659	ug/l	96
7) Trichlorofluoromethane	3.376	101	11787	0.693	ug/l	97
8) Diethyl Ether	3.832	74	3640m	0.662	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.197	101	5384m	0.672	ug/l	
10) Methyl Iodide	4.422	142	5802	0.591	ug/l	# 85
11) Tert butyl alcohol	5.382	59	6743m	2.911	ug/l	
12) 1,1-Dichloroethene	4.183	96	4509	0.628	ug/l	90
13) Acrolein	4.065	56	3433m	3.960	ug/l	
14) Allyl chloride	4.843	41	11032m	0.694	ug/l	
15) Acrylonitrile	5.559	53	18748	3.161	ug/l	96
16) Acetone	4.291	43	25635m	3.697	ug/l	
17) Carbon Disulfide	4.527	76	11485	0.676	ug/l	# 88
18) Methyl Acetate	4.865	43	19743m	0.876	ug/l	
19) Methyl tert-butyl Ether	5.632	73	19603m	0.645	ug/l	
20) Methylene Chloride	5.098	84	12531	1.274	ug/l	# 89
21) trans-1,2-Dichloroethene	5.605	96	5610	0.699	ug/l	# 81
22) Diisopropyl ether	6.503	45	20000	0.584	ug/l	# 93
23) Vinyl Acetate	6.439	43	72435m	2.737	ug/l	
24) 1,1-Dichloroethane	6.385	63	11387m	0.653	ug/l	
25) 2-Butanone	7.346	43	28255	3.009	ug/l	# 87
26) 2,2-Dichloropropane	7.324	77	7417m	0.544	ug/l	
27) cis-1,2-Dichloroethene	7.329	96	6403	0.644	ug/l	50
28) Bromochloromethane	7.665	49	6297	0.706	ug/l	# 47
29) Tetrahydrofuran	7.700	42	19046	3.305	ug/l	# 74
30) Chloroform	7.823	83	12177	0.682	ug/l	# 82
31) Cyclohexane	8.088	56	33873	1.929	ug/l	# 46
32) 1,1,1-Trichloroethane	8.016	97	9189	0.616	ug/l	# 51
36) 1,1-Dichloropropene	8.223	75	8294	0.626	ug/l	# 64
37) Ethyl Acetate	7.426	43	11519	0.643	ug/l	# 74
38) Carbon Tetrachloride	8.212	117	8229	0.643	ug/l	# 83
39) Methylcyclohexane	9.464	83	9490	0.576	ug/l	96
40) Benzene	8.467	78	25691	0.628	ug/l	94

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41) Methacrylonitrile	7.651	41	6396m	0.691	ug/l	
42) 1,2-Dichloroethane	8.536	62	11984	0.749	ug/l	81
43) Isopropyl Acetate	8.560	43	16751	0.582	ug/l #	82
44) Trichloroethene	9.215	130	6098	0.623	ug/l	90
45) 1,2-Dichloropropane	9.494	63	6542	0.599	ug/l	90
46) Dibromomethane	9.582	93	4337m	0.593	ug/l	
47) Bromodichloromethane	9.759	83	6638	0.486	ug/l #	92
48) Methyl methacrylate	9.563	41	7493	0.554	ug/l #	73
49) 1,4-Dioxane	9.574	88	2640	48.519	ug/l #	87
51) 4-Methyl-2-Pentanone	10.333	43	49553	2.669	ug/l	92
52) Toluene	10.508	92	15188	0.596	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	6433	3.000	ug/l #	88
54) cis-1,3-Dichloropropene	10.196	75	7693	2.153	ug/l #	85
55) 1,1,2-Trichloroethane	10.896	97	6212	0.605	ug/l	97
56) Ethyl methacrylate	10.762	69	8909	2.494	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	10958	0.607	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.041	63	9500	24.506	ug/l	92
59) 2-Hexanone	11.087	43	36740	10.211	ug/l	84
60) Dibromochloromethane	11.242	129	4280	2.779	ug/l	95
61) 1,2-Dibromoethane	11.350	107	5297	1.523	ug/l	98
64) Tetrachloroethene	10.977	164	5304	0.641	ug/l #	82
65) Chlorobenzene	11.768	112	15449	0.606	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.849	131	3941	0.446	ug/l #	53
67) Ethyl Benzene	11.846	91	26555	0.565	ug/l	91
68) m/p-Xylenes	11.956	106	19661	1.137	ug/l	99
69) o-Xylene	12.286	106	9192	0.533	ug/l	88
70) Styrene	12.296	104	14283	1.968	ug/l	93
71) Bromoform	12.463	173	2480	3.729	ug/l #	100
73) Isopropylbenzene	12.583	105	22129	0.638	ug/l	93
74) N-amyl acetate	12.393	43	9253	0.630	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.830	83	8556	0.732	ug/l #	97
76) 1,2,3-Trichloropropane	12.884	75	8079m	0.804	ug/l	
77) Bromobenzene	12.862	156	5865	0.740	ug/l	82
78) n-propylbenzene	12.921	91	25852	0.663	ug/l	93
79) 2-Chlorotoluene	13.010	91	16958	0.702	ug/l	92
80) 1,3,5-Trimethylbenzene	13.063	105	18131	0.647	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.626	75	1460m	6.170	ug/l	
82) 4-Chlorotoluene	13.109	91	14961	0.650	ug/l	97
83) tert-Butylbenzene	13.326	119	15904	0.648	ug/l	88
84) 1,2,4-Trimethylbenzene	13.369	105	15831	0.585	ug/l	96
85) sec-Butylbenzene	13.503	105	21436	0.625	ug/l	95
86) p-Isopropyltoluene	13.613	119	14748	0.542	ug/l	95
87) 1,3-Dichlorobenzene	13.613	146	8776	0.639	ug/l	89
88) 1,4-Dichlorobenzene	13.694	146	10205m	0.757	ug/l	
89) n-Butylbenzene	13.943	91	12599	0.555	ug/l	97
90) Hexachloroethane	14.209	117	2069	2.558	ug/l	87
91) 1,2-Dichlorobenzene	13.991	146	8711	0.666	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.600	75	1035	2.256	ug/l	66
93) 1,2,4-Trichlorobenzene	15.268	180	3967	3.656	ug/l	98
94) Hexachlorobutadiene	15.367	225	2064	0.607	ug/l	92
95) Naphthalene	15.504	128	13188	5.073	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.705	180	4351	3.791	ug/l	91

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

