

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110123\
 Data File : VN079779.D
 Acq On : 01 Nov 2023 18:19
 Operator : JC\MD
 Sample : 04699-07 0.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

Quant Time: Nov 02 06:47:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 06:45:31 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/02/2023
 Supervised By :Mahesh Dadoda 11/02/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	271329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	498356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	439100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	169543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	233188	56.410	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.820%			
35) Dibromofluoromethane	8.171	113	181445	51.442	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.880%			
50) Toluene-d8	10.571	98	634482	48.864	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.720%			
62) 4-Bromofluorobenzene	12.853	95	190328	44.197	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 88.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	1686	0.516	ug/l	92
3) Chloromethane	2.359	50	4308	0.949	ug/l	89
4) Vinyl Chloride	2.518	62	2421	0.566	ug/l #	46
5) Bromomethane	2.959	94	2638	1.015	ug/l #	74
6) Chloroethane	3.112	64	1937m	0.573	ug/l	
7) Trichlorofluoromethane	3.501	101	3214	0.604	ug/l #	84
8) Diethyl Ether	3.977	74	877	0.434	ug/l #	1
9) 1,1,2-Trichlorotrifluo...	4.383	101	1470m	0.477	ug/l	
10) Methyl Iodide	4.577	142	2199	0.624	ug/l #	91
11) Tert butyl alcohol	5.518	59	2140m	4.055	ug/l	
13) Acrolein	4.183	56	551	1.277	ug/l #	64
14) Allyl chloride	5.024	41	2544	0.569	ug/l #	33
15) Acrylonitrile	5.724	53	4259	2.590	ug/l	97
17) Carbon Disulfide	4.706	76	5249	0.623	ug/l	98
18) Methyl Acetate	5.030	43	2782	0.400	ug/l #	72
22) Diisopropyl ether	6.677	45	5472	0.528	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	2558	0.491	ug/l	94
27) cis-1,2-Dichloroethene	7.494	96	2037	0.523	ug/l	68
28) Bromochloromethane	7.818	49	1254	0.408	ug/l #	57
29) Tetrahydrofuran	7.853	42	3784	2.735	ug/l #	73
32) 1,1,1-Trichloroethane	8.177	97	2925	0.525	ug/l #	52
36) 1,1-Dichloropropene	8.377	75	2783	0.553	ug/l	86
37) Ethyl Acetate	7.577	43	3139	0.680	ug/l #	74
38) Carbon Tetrachloride	8.353	117	2530	0.498	ug/l #	89
41) Methacrylonitrile	7.783	41	1176	0.479	ug/l #	64
42) 1,2-Dichloroethane	8.683	62	3625	0.688	ug/l #	73
43) Isopropyl Acetate	8.694	43	3311	0.409	ug/l	96
46) Dibromomethane	9.718	93	1536	0.584	ug/l	87
48) Methyl methacrylate	9.700	41	1610	0.454	ug/l #	79
49) 1,4-Dioxane	9.712	88	674	10.751	ug/l #	76
51) 4-Methyl-2-Pentanone	10.447	43	10238	2.245	ug/l	95
52) Toluene	10.635	92	5356	0.599	ug/l	89
56) Ethyl methacrylate	10.882	69	2003	0.390	ug/l #	62
57) 1,3-Dichloropropane	11.171	76	3277	0.517	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.165	63	5568	2.141	ug/l	94
59) 2-Hexanone	11.200	43	7747	2.221	ug/l	79

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60) Dibromochloromethane	11.365	129	2079	0.540	ug/l	96
61) 1,2-Dibromoethane	11.477	107	1755	0.486	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	1911	0.557	ug/l #	57
68) m/p-Xylenes	12.076	106	4815	0.779	ug/l	82
69) o-Xylene	12.400	106	2454	0.412	ug/l	79
70) Styrene	12.418	104	3845	0.402	ug/l #	89
71) Bromoform	12.582	173	1223	0.502	ug/l #	91
73) Isopropylbenzene	12.700	105	5448	0.423	ug/l	91
74) N-amyl acetate	12.500	43	2483	0.442	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.935	83	2976	0.652	ug/l	94
76) 1,2,3-Trichloropropane	12.994	75	2834m	0.712	ug/l	
77) Bromobenzene	12.988	156	1741	0.553	ug/l	81
78) n-propylbenzene	13.035	91	7107	0.482	ug/l	98
79) 2-Chlorotoluene	13.129	91	5481	0.582	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	4136	0.413	ug/l	90
82) 4-Chlorotoluene	13.229	91	4227	0.452	ug/l	93
83) tert-Butylbenzene	13.441	119	4123	0.503	ug/l	84
84) 1,2,4-Trimethylbenzene	13.488	105	3843	0.390	ug/l	96
85) sec-Butylbenzene	13.618	105	4609	0.406	ug/l	97
86) p-Isopropyltoluene	13.735	119	3267	0.353	ug/l	96
87) 1,3-Dichlorobenzene	13.741	146	2962	0.505	ug/l	95
88) 1,4-Dichlorobenzene	13.818	146	3610m	0.607	ug/l	
89) n-Butylbenzene	14.059	91	2982	0.374	ug/l	95
90) Hexachloroethane	14.329	117	1038	0.566	ug/l	100
91) 1,2-Dichlorobenzene	14.112	146	3358	0.607	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.723	75	451	0.583	ug/l	82
93) 1,2,4-Trichlorobenzene	15.388	180	1199	0.456	ug/l #	81
94) Hexachlorobutadiene	15.500	225	320	0.268	ug/l #	55
95) Naphthalene	15.647	128	3278	0.367	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.847	180	869	0.337	ug/l	66

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

