

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012924\
 Data File : VN080799.D
 Acq On : 29 Jan 2024 18:30
 Operator : JC\MD
 Sample : P1187-07 0.2PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2024

Quant Time: Jan 30 02:04:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 30 02:03:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 01/30/2024
 Supervised By :Mahesh Dadoda 01/30/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	113096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	237635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	200128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	69669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	86826	44.377	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.760%		
35) Dibromofluoromethane	8.165	113	59674	41.045	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	82.100%		
50) Toluene-d8	10.571	98	236296	41.526	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	83.060%#		
62) 4-Bromofluorobenzene	12.847	95	76395	38.526	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	77.060%#		
Target Compounds						Qvalue
3) Chloromethane	2.360	50	1960	0.776	ug/l #	88
7) Trichlorofluoromethane	3.495	101	512	0.206	ug/l #	16
10) Methyl Iodide	4.595	142	408	0.334	ug/l #	25
13) Acrolein	4.183	56	357	0.888	ug/l #	60
15) Acrylonitrile	5.742	53	734	0.765	ug/l #	42
16) Acetone	4.430	43	819	1.154	ug/l #	44
17) Carbon Disulfide	4.718	76	1275	0.258	ug/l #	78
18) Methyl Acetate	5.030	43	1327m	0.537	ug/l	
19) Methyl tert-butyl Ether	5.812	73	1250m	0.223	ug/l	
20) Methylene Chloride	5.295	84	526m	0.282	ug/l	
23) Vinyl Acetate	6.589	43	3802	0.759	ug/l #	75
25) 2-Butanone	7.495	43	1557	1.155	ug/l #	81
29) Tetrahydrofuran	7.848	42	1113	1.220	ug/l #	38
31) Cyclohexane	8.218	56	4606	1.373	ug/l #	16
37) Ethyl Acetate	7.553	43	823m	0.296	ug/l	
40) Benzene	8.600	78	1993	0.251	ug/l	93
43) Isopropyl Acetate	8.700	43	1193m	0.236	ug/l	
49) 1,4-Dioxane	9.700	88	54	1.826	ug/l #	18
51) 4-Methyl-2-Pentanone	10.447	43	2308	0.815	ug/l	97
52) Toluene	10.630	92	1671	0.367	ug/l	85
54) cis-1,3-Dichloropropene	10.318	75	692m	0.211	ug/l	
57) 1,3-Dichloropropane	11.159	76	691	0.210	ug/l #	43
58) 2-Chloroethyl Vinyl ether	10.159	63	2168	1.382	ug/l #	73
59) 2-Hexanone	11.188	43	2309	1.050	ug/l	81
68) m/p-Xylenes	12.071	106	1176	0.408	ug/l	98
69) o-Xylene	12.400	106	691	0.241	ug/l	74
74) N-amyl acetate	12.506	43	822	0.208	ug/l #	75
76) 1,2,3-Trichloropropane	12.994	75	503m	0.239	ug/l	
82) 4-Chlorotoluene	13.218	91	1014	0.211	ug/l #	55
83) tert-Butylbenzene	13.441	119	1033	0.255	ug/l #	42
87) 1,3-Dichlorobenzene	13.729	146	663m	0.272	ug/l	
88) 1,4-Dichlorobenzene	13.818	146	525m	0.215	ug/l	
93) 1,2,4-Trichlorobenzene	15.412	180	314	0.273	ug/l #	45

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