Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
Data File : VN080822.D
Acq On : 30 Jan 2024 18:23
Operator : JC\MD
Sample : P1187-09 0.2PPB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

Manual Integrations APPROVED

Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

Quant Time: Jan 31 03:16:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 29 12:54:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	101245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	216012	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	176845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	63533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	96553	55.125	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.260%			
35) Dibromofluoromethane	8.171	113	68882	52.121	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.240%			
50) Toluene-d8	10.571	98	258725	50.019	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.040%			
62) 4-Bromofluorobenzene	12.853	95	80978	44.926	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.860%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	2126	0.941	ug/l #	68
4) Vinyl Chloride	2.518	62	461	0.268	ug/l #	46
6) Chloroethane	3.106	64	190	0.207	ug/l #	42
7) Trichlorofluoromethane	3.489	101	447	0.201	ug/l #	81
11) Tert butyl alcohol	5.500	59	186	0.651	ug/l #	72
13) Acrolein	4.177	56	157	0.436	ug/l #	71
14) Allyl chloride	5.024	41	791	0.282	ug/l #	85
15) Acrylonitrile	5.706	53	230	0.268	ug/l #	18
16) Acetone	4.459	43	1842	2.900	ug/l #	44
17) Carbon Disulfide	4.712	76	1590	0.359	ug/l #	78
18) Methyl Acetate	5.036	43	2076m	0.938	ug/l	
19) Methyl tert-butyl Ether	5.812	73	1226m	0.245	ug/l	
20) Methylene Chloride	5.295	84	625m	0.375	ug/l	
22) Diisopropyl ether	6.677	45	1454m	0.235	ug/l	
23) Vinyl Acetate	6.606	43	3328	0.742	ug/l #	75
25) 2-Butanone	7.506	43	2364m	1.959	ug/l	
29) Tetrahydrofuran	7.841	42	1126	1.379	ug/l #	48
37) Ethyl Acetate	7.571	43	882m	0.349	ug/l	
40) Benzene	8.618	78	2076	0.288	ug/l	93
41) Methacrylonitrile	7.783	41	420	0.282	ug/l #	36
42) 1,2-Dichloroethane	8.671	62	784	0.333	ug/l #	75
43) Isopropyl Acetate	8.694	43	1202m	0.261	ug/l	
48) Methyl methacrylate	9.688	41	595m	0.267	ug/l	
51) 4-Methyl-2-Pentanone	10.453	43	2962	1.151	ug/l	95
52) Toluene	10.635	92	1037	0.251	ug/l	79
54) cis-1,3-Dichloropropene	10.306	75	654	0.220	ug/l #	53
57) 1,3-Dichloropropane	11.159	76	928	0.310	ug/l	90
58) 2-Chloroethyl Vinyl ether	10.171	63	2563m	1.798	ug/l	
59) 2-Hexanone	11.206	43	2178	1.089	ug/l	68
65) Chlorobenzene	11.900	112	1114	0.289	ug/l #	79
68) m/p-Xylenes	12.071	106	1328	0.521	ug/l #	72
73) Isopropylbenzene	12.700	105	1410	0.242	ug/l	87
74) N-amyl acetate	12.500	43	802	0.222	ug/l #	61
76) 1,2,3-Trichloropropane	12.994	75	456m	0.238	ug/l	
78) n-propylbenzene	13.029	91	1629	0.234	ug/l #	65
79) 2-Chlorotoluene	13.129	91	975	0.221	ug/l #	45

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Quant Title : SW846 8260
QLast Update : Mon Jan 29 12:54:23 2024
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) 1,3,5-Trimethylbenzene	13.170	105	1220	0.263	ug/l		92
81) trans-1,4-Dichloro-2-b...	12.741	75	168m	0.226	ug/l		
82) 4-Chlorotoluene	13.218	91	1358	0.310	ug/l	#	59
84) 1,2,4-Trimethylbenzene	13.488	105	1407	0.300	ug/l	#	63
85) sec-Butylbenzene	13.612	105	1336	0.245	ug/l		83
86) p-Isopropyltoluene	13.729	119	1054	0.249	ug/l	#	55
87) 1,3-Dichlorobenzene	13.735	146	851	0.383	ug/l		88
88) 1,4-Dichlorobenzene	13.818	146	630m	0.282	ug/l		
89) n-Butylbenzene	14.059	91	1215	0.293	ug/l	#	66
91) 1,2-Dichlorobenzene	14.112	146	583m	0.286	ug/l		
95) Naphthalene	15.641	128	930	0.232	ug/l	#	70
96) 1,2,3-Trichlorobenzene	15.841	180	246	0.239	ug/l		90

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

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