Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061924\
Data File : VX041943.D
Acq On : 19 Jun 2024 13:07
Operator : JC/MD
Sample : P2403-07 0.2PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

Quant Time: Jun 20 01:32:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:30:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	170756	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	259920	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	99263	50.412	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.820%			
35) Dibromofluoromethane	5.385	113	87078	47.216	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.440%			
50) Toluene-d8	8.647	98	302784	46.733	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.460%			
62) 4-Bromofluorobenzene	11.079	95	103762	43.446	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 86.900%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	408	0.250	ug/l #	80
5) Bromomethane	1.599	94	466	0.577	ug/l #	70
6) Chloroethane	1.660	64	230	0.279	ug/l #	2
7) Trichlorofluoromethane	1.867	101	475	0.222	ug/l	89
8) Diethyl Ether	2.136	74	219	0.218	ug/l	54
10) Methyl Iodide	2.441	142	405	0.221	ug/l #	80
11) Tert butyl alcohol	2.989	59	338	0.904	ug/l #	78
12) 1,1-Dichloroethene	2.306	96	305	0.207	ug/l #	69
13) Acrolein	2.245	56	406	0.969	ug/l	90
15) Acrylonitrile	3.081	53	875	0.896	ug/l	98
16) Acetone	2.392	43	1392	1.610	ug/l	96
17) Carbon Disulfide	2.502	76	691	0.230	ug/l #	76
18) Methyl Acetate	2.715	43	511	0.217	ug/l #	53
20) Methylene Chloride	2.782	84	1101	0.582	ug/l	89
23) Vinyl Acetate	3.751	43	2684	0.637	ug/l #	92
25) 2-Butanone	4.629	43	1043m	0.775	ug/l	
29) Tetrahydrofuran	5.068	42	827	0.952	ug/l #	44
36) 1,1-Dichloropropene	5.696	75	399	0.204	ug/l #	42
42) 1,2-Dichloroethane	6.105	62	545	0.256	ug/l #	77
51) 4-Methyl-2-Pentanone	8.586	43	1710	0.634	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.257	63	1516m	1.193	ug/l	
59) 2-Hexanone	9.458	43	1421m	0.688	ug/l	
68) m/p-Xylenes	10.305	106	925	0.307	ug/l	93
76) 1,2,3-Trichloropropane	11.244	75	393m	0.201	ug/l	
77) Bromobenzene	11.201	156	428	0.220	ug/l	86
79) 2-Chlorotoluene	11.372	91	1008	0.220	ug/l	97
82) 4-Chlorotoluene	11.463	91	1020	0.202	ug/l	94
87) 1,3-Dichlorobenzene	11.975	146	764	0.223	ug/l	83
88) 1,4-Dichlorobenzene	12.043	146	924m	0.264	ug/l	
93) 1,2,4-Trichlorobenzene	13.597	180	488	0.213	ug/l #	82
94) Hexachlorobutadiene	13.719	225	241	0.208	ug/l	71

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

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