Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
Data File : VN083257.D
Acq On : 13 Aug 2024 14:55
Operator : JC\MD
Sample : P3390-07 0.2PPB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 14 02:58:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 14 02:57:40 2024
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/14/2024
Supervised By :Semsettin Yesilyurt 08/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	170859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	298772	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	255707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	107467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	133816	55.023	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.040%			
35) Dibromofluoromethane	8.171	113	96661	51.833	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.660%			
50) Toluene-d8	10.565	98	350384	50.368	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.740%			
62) 4-Bromofluorobenzene	12.847	95	131420	48.459	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 96.920%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	517	0.261	ug/l #	43
5) Bromomethane	2.953	94	424	0.338	ug/l #	56
6) Chloroethane	3.124	64	293	0.231	ug/l #	41
11) Tert butyl alcohol	5.530	59	224	0.443	ug/l #	71
13) Acrolein	4.177	56	245	0.744	ug/l #	14
15) Acrylonitrile	5.724	53	369	0.355	ug/l #	37
16) Acetone	4.447	43	1736	1.824	ug/l #	48
17) Carbon Disulfide	4.718	76	1601	0.289	ug/l #	75
18) Methyl Acetate	5.030	43	690	0.243	ug/l #	56
20) Methylene Chloride	5.289	84	840	0.384	ug/l #	47
23) Vinyl Acetate	6.612	43	4796m	0.695	ug/l	
25) 2-Butanone	7.500	43	1152	0.788	ug/l #	53
29) Tetrahydrofuran	7.847	42	666	0.705	ug/l #	54
31) Cyclohexane	8.230	56	5043	1.399	ug/l #	16
42) 1,2-Dichloroethane	8.665	62	640	0.209	ug/l #	78
43) Isopropyl Acetate	8.688	43	3696	0.511	ug/l #	60
44) Trichloroethene	9.347	130	569	0.284	ug/l	52
51) 4-Methyl-2-Pentanone	10.447	43	2068	0.692	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	1366	0.901	ug/l #	76
59) 2-Hexanone	11.200	43	1552	0.672	ug/l	87
68) m/p-Xylenes	12.071	106	1304	0.336	ug/l	94
88) 1,4-Dichlorobenzene	13.817	146	855	0.226	ug/l #	44
91) 1,2-Dichlorobenzene	14.094	146	808	0.222	ug/l #	46
96) 1,2,3-Trichlorobenzene	15.835	180	420	0.208	ug/l #	63

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

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