Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046415.D
Acq On : 30 May 2025 12:42
Operator : JC/MD
Sample : Q2136-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OR-646-COMP-52

Manual Integrations APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

Quant Time: May 30 23:26:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	62311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	123353	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	119278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61051	52.554	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.100%			
35) Dibromofluoromethane	5.379	113	45295	50.992	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.980%			
50) Toluene-d8	8.647	98	156219	50.812	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.620%			
62) 4-Bromofluorobenzene	11.079	95	62016	52.587	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.180%			
Target Compounds						Qvalue
8) Diethyl Ether	2.130	74	491	1.134	ug/l	82
16) Acetone	2.380	43	77719	166.858	ug/l	97
18) Methyl Acetate	2.703	43	2050	1.897	ug/l	95
20) Methylene Chloride	2.788	84	7282	8.158	ug/l	91
25) 2-Butanone	4.574	43	10511	15.544	ug/l	100
31) Cyclohexane	5.471	56	4705	3.399	ug/l #	92
39) Methylcyclohexane	7.373	83	2931	1.908	ug/l	92
40) Benzene	6.038	78	10399	2.975	ug/l	96
43) Isopropyl Acetate	6.348	43	11775	5.234	ug/l	96
52) Toluene	8.720	92	4615	2.153	ug/l	97
67) Ethyl Benzene	10.189	91	126974	27.591	ug/l	99
68) m/p-Xylenes	10.299	106	24415	14.506	ug/l	97
69) o-Xylene	10.640	106	2355	1.435	ug/l	87
73) Isopropylbenzene	10.963	105	11945	2.865	ug/l	98
78) n-propylbenzene	11.305	91	30969	6.388	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	4519	1.297	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	13144	3.726	ug/l	97
89) n-Butylbenzene	12.335	91	2849m	0.913	ug/l	

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

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