Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046604.D
Acq On : 10 Jun 2025 15:42
Operator : JC/MD
Sample : Q2230-04MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GW-MW01-060425MSD

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Quant Time: Jun 11 01:50:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	238	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.787	114	839	50.000	ug/l	0.01
63) Chlorobenzene-d5	10.067	117	1669	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.024	152	2156	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.989	65	613m	144.771	ug/l	0.02
Spiked Amount 50.000	Range 74 - 125		Recovery = 289.540%#			
35) Dibromofluoromethane	5.422	113	294	47.650	ug/l	0.02
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.300%			
50) Toluene-d8	8.659	98	1285	63.171	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 126.340%#			
62) 4-Bromofluorobenzene	11.085	95	1573	186.900	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 373.800%#			
Target Compounds						Qvalue
16) Acetone	2.392	43	39131	23105.983	ug/l	95
20) Methylene Chloride	2.800	84	251	73.889	ug/l #	71
25) 2-Butanone	4.586	43	8900	3775.777	ug/l	99
30) Chloroform	5.111	83	7966	1246.816	ug/l #	79
31) Cyclohexane	5.476	56	1141	231.788	ug/l #	78
39) Methylcyclohexane	7.391	83	2273	218.500	ug/l	97
40) Benzene	6.043	78	2032	81.899	ug/l #	80
52) Toluene	8.726	92	5546	363.842	ug/l	93
67) Ethyl Benzene	10.195	91	33379	487.101	ug/l	99
68) m/p-Xylenes	10.299	106	54396	2188.287	ug/l	99
69) o-Xylene	10.640	106	65794	2736.450	ug/l	98
73) Isopropylbenzene	10.963	105	12027	70.963	ug/l	99
78) n-propylbenzene	11.305	91	26558	129.465	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	57309	405.784	ug/l	100
82) 4-Chlorotoluene	11.451	91	6377	43.492	ug/l #	48
84) 1,2,4-Trimethylbenzene	11.750	105	205898	1441.118	ug/l	97
85) sec-Butylbenzene	11.890	105	9471	51.268	ug/l	89
86) p-Isopropyltoluene	12.006	119	6100	39.609	ug/l	95
89) n-Butylbenzene	12.329	91	10863m	71.827	ug/l	

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

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