Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010925\
Data File : VN085413.D
Acq On : 09 Jan 2025 16:50
Operator : JC\MD
Sample : Q1049-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 10 00:24:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260
QLast Update : Sat Dec 28 01:36:16 2024
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK-257952

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.212	168	250250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	438371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	423863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	175406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	164405	46.061	ug/l	-0.01
Spiked Amount 50.000	Range 74 - 125		Recovery = 92.120%			
35) Dibromofluoromethane	8.153	113	126702	46.330	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.660%			
50) Toluene-d8	10.559	98	556189	55.422	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.840%			
62) 4-Bromofluorobenzene	12.847	95	200362	60.117	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 120.240%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.489	59	17827	39.886	ug/l	99
13) Acrolein	4.177	56	7961	11.425	ug/l	88
16) Acetone	4.400	43	205082	174.735	ug/l	98
17) Carbon Disulfide	4.706	76	7702	0.910	ug/l	96
18) Methyl Acetate	5.024	43	8756m	2.437	ug/l	
23) Vinyl Acetate	6.618	43	28713	4.138	ug/l	99
25) 2-Butanone	7.465	43	153689	84.406	ug/l	98
31) Cyclohexane	8.235	56	22338	4.234	ug/l #	85
37) Ethyl Acetate	7.565	43	42063	10.569	ug/l #	1
39) Methylcyclohexane	9.594	83	28791	6.930	ug/l	98
40) Benzene	8.594	78	1383264	114.259	ug/l	100
51) 4-Methyl-2-Pentanone	10.441	43	5982	1.624	ug/l	97
52) Toluene	10.624	92	1513667	209.983	ug/l	98
67) Ethyl Benzene	11.959	91	584212	38.352	ug/l	99
68) m/p-Xylenes	12.065	106	975923	175.066	ug/l	100
69) o-Xylene	12.394	106	509985	94.570	ug/l	98
73) Isopropylbenzene	12.688	105	78662	6.236	ug/l	100
78) n-propylbenzene	13.029	91	115521	7.857	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	270800	26.542	ug/l	98
83) tert-Butylbenzene	13.435	119	9022	1.021	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	562375	55.356	ug/l	98
85) sec-Butylbenzene	13.612	105	17754	1.447	ug/l #	47
86) p-Isopropyltoluene	13.723	119	26233	2.714	ug/l	97
89) n-Butylbenzene	14.053	91	11082	1.234	ug/l #	84

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

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