Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041124\
Data File : VX040999.D
Acq On : 12 Apr 2024 00:43
Operator : JC/MD
Sample : P2049-04 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MC0RC2

Quant Time: Apr 12 01:49:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041024WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 05:36:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	283759	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	269398	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	141920	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	75082	37.201	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 74.400%			
7) Chloroethane-d5	1.666	69	67624	41.083	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 82.160%			
11) 1,1-Dichloroethene-d2	2.306	65	33277	38.618	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.240%			
21) 2-Butanone-d5	4.458	46	133412	121.349	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 121.350%			
24) Chloroform-d	5.056	84	162857	43.246	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.500%			
26) 1,2-Dichloroethane-d4	5.958	65	108890	44.452	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.900%			
32) Benzene-d6	5.976	84	322574	44.105	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.220%			
36) 1,2-Dichloropropane-d6	7.305	67	97076	45.511	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.020%			
41) Toluene-d8	8.646	98	295724	41.388	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.780%			
43) trans-1,3-Dichloroprop...	8.951	79	41802	38.943	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.880%			
47) 2-Hexanone-d5	9.384	63	88553	98.467	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.470%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	148693	47.059	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.120%			
66) 1,2-Dichlorobenzene-d4	12.316	152	135814	47.706	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.420%			
Target Compounds						Qvalue
51) Chlorobenzene	10.079	112	74819	13.793	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	4792	1.101	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	20523	4.592	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	168945	40.004	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	16896	5.348	ug/L	99

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

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