Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041224\
Data File : VX041032.D
Acq On : 12 Apr 2024 15:57
Operator : JC/MD
Sample : P2049-04 40X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MC0RC2

Quant Time: Apr 13 01:40:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041024WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 01:36:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	265039	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	254258	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	134808	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	91540	48.559	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.120%			
7) Chloroethane-d5	1.654	69	72558	47.193	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.380%			
11) 1,1-Dichloroethene-d2	2.306	65	38653	48.026	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.060%			
21) 2-Butanone-d5	4.452	46	137857	134.249	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 134.250%#			
24) Chloroform-d	5.056	84	179191	50.944	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.880%			
26) 1,2-Dichloroethane-d4	5.952	65	123732	54.079	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.160%			
32) Benzene-d6	5.970	84	368800	53.428	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.860%			
36) 1,2-Dichloropropane-d6	7.305	67	109358	54.321	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 108.640%			
41) Toluene-d8	8.647	98	340883	50.549	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.100%			
43) trans-1,3-Dichloroprop...	8.951	79	50673	50.018	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.040%			
47) 2-Hexanone-d5	9.384	63	92650	109.157	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 109.160%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	157662	52.869	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 105.740%			
66) 1,2-Dichlorobenzene-d4	12.317	152	150821	55.772	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.540%			
Target Compounds						Qvalue
51) Chlorobenzene	10.079	112	153307	29.945	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	9931	2.401	ug/L	93
65) 1,4-Dichlorobenzene	12.042	146	46014	10.839	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	375835	93.687	ug/L	96
70) 1,2,4-trichlorobenzene	13.585	180	38652	12.879	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	6604	2.244	ug/L	98

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

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