Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041224\
Data File : VX041044.D
Acq On : 12 Apr 2024 20:33
Operator : JC/MD
Sample : P2049-18 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MC0RB9

Quant Time: Apr 13 04:22:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041024WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 04:06:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	280937	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	264034	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	142491	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	96826	48.456	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 96.920%			
7) Chloroethane-d5	1.666	69	79369	48.702	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.400%			
11) 1,1-Dichloroethene-d2	2.307	65	40233	47.160	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.320%			
21) 2-Butanone-d5	4.453	46	137952	126.739	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 126.740%			
24) Chloroform-d	5.056	84	178605	47.904	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.800%			
26) 1,2-Dichloroethane-d4	5.952	65	118280	48.770	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.540%			
32) Benzene-d6	5.971	84	356633	49.753	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.500%			
36) 1,2-Dichloropropane-d6	7.306	67	106054	50.730	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.460%			
41) Toluene-d8	8.647	98	328464	46.904	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.800%			
43) trans-1,3-Dichloroprop...	8.952	79	48469	46.071	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.140%			
47) 2-Hexanone-d5	9.385	63	92487	104.930	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.930%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	151838	49.031	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.060%			
66) 1,2-Dichlorobenzene-d4	12.317	152	143976	50.370	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.740%			
Target Compounds						Qvalue
51) Chlorobenzene	10.080	112	55929	10.520	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	17335	3.966	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	85000	18.943	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	208080	49.073	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	342784	108.058	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	45369	14.583	ug/L	99

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

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