Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041124\
Data File : VX041005.D
Acq On : 12 Apr 2024 03:00
Operator : JC/MD
Sample : P2049-12 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0RH9

Quant Time: Apr 12 06:34:34 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	250501	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	233584	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	127400	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	69651	39.092	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 78.180%			
7) Chloroethane-d5	1.666	69	64709	44.531	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.060%			
11) 1,1-Dichloroethene-d2	2.306	65	30005	39.444	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.880%			
21) 2-Butanone-d5	4.452	46	127750	131.626	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 131.630%#			
24) Chloroform-d	5.056	84	158252	47.602	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.200%			
26) 1,2-Dichloroethane-d4	5.958	65	106710	49.346	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.700%			
32) Benzene-d6	5.976	84	300623	47.406	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.820%			
36) 1,2-Dichloropropane-d6	7.305	67	93956	50.802	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.600%			
41) Toluene-d8	8.647	98	265822	42.907	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.820%			
43) trans-1,3-Dichloroprop...	8.951	79	40112	43.098	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.200%			
47) 2-Hexanone-d5	9.384	63	84095	107.847	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.850%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	146095	53.326	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 106.660%			
66) 1,2-Dichlorobenzene-d4	12.317	152	126641	49.554	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.100%			
Target Compounds						Qvalue
33) Benzene	6.037	78	601710	99.287	ug/L	100
51) Chlorobenzene	10.079	112	711853	151.348	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	124949	31.972	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	659603	164.409	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	736045	194.148	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	125059	44.093	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	49886	17.934	ug/L	98

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

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