Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042023\
Data File : VX035213.D
Acq On : 20 Apr 2023 14:16
Operator : JC/MD
Sample : 02378-13DL 40X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0MK6DL

Quant Time: Apr 20 23:29:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041823WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 20 23:27:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	445385	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	387087	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	187573	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	103764	36.132	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 72.260%			
7) Chloroethane-d5	1.672	69	89442	43.101	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.200%			
11) 1,1-Dichloroethene-d2	2.306	65	54891	39.946	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.900%			
21) 2-Butanone-d5	4.471	46	224767	117.446	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 117.450%			
24) Chloroform-d	5.056	84	257536	47.619	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.240%			
26) 1,2-Dichloroethane-d4	5.958	65	176273	50.755	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.500%			
32) Benzene-d6	5.976	84	534479	48.067	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.140%			
36) 1,2-Dichloropropane-d6	7.305	67	170657	50.243	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.480%			
41) Toluene-d8	8.647	98	462610	45.522	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.040%			
43) trans-1,3-Dichloroprop...	8.951	79	64447	43.417	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.840%			
47) 2-Hexanone-d5	9.384	63	157402	115.398	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 115.400%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	225402	54.186	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 108.380%			
66) 1,2-Dichlorobenzene-d4	12.317	152	182395	50.178	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.360%			
Target Compounds						Qvalue
25) Chloroform	5.092	83	17146	3.202	ug/L	97
33) Benzene	6.037	78	651985	55.619	ug/L	100
51) Chlorobenzene	10.079	112	450237	56.191	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	48132	8.274	ug/L	100
65) 1,4-Dichlorobenzene	12.042	146	237439	39.890	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	300349	50.922	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	29198	8.671	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	11463	3.448	ug/L	98

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

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