Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042023\
Data File : VX035218.D
Acq On : 20 Apr 2023 16:12
Operator : JC/MD
Sample : 02378-14DL 200X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0MK7DL

Quant Time: Apr 20 23:31:03 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	462382	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	406293	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	200488	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	101618	34.084	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 68.160%			
7) Chloroethane-d5	1.672	69	90134	41.838	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.680%			
11) 1,1-Dichloroethene-d2	2.306	65	54035	37.878	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.760%			
21) 2-Butanone-d5	4.465	46	224259	112.873	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.870%			
24) Chloroform-d	5.056	84	260685	46.429	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.860%			
26) 1,2-Dichloroethane-d4	5.958	65	175983	48.809	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.620%			
32) Benzene-d6	5.976	84	532989	45.667	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.340%			
36) 1,2-Dichloropropane-d6	7.312	67	174016	48.810	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.620%			
41) Toluene-d8	8.647	98	467072	43.788	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.580%			
43) trans-1,3-Dichloroprop...	8.952	79	65540	42.066	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.140%			
47) 2-Hexanone-d5	9.384	63	160374	112.019	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 112.020%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	231101	52.930	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 105.860%			
66) 1,2-Dichlorobenzene-d4	12.317	152	188657	48.558	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.120%			
Target Compounds						Qvalue
33) Benzene	6.037	78	449750	36.553	ug/L	100
51) Chlorobenzene	10.079	112	1360360	161.752	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	63648	10.237	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	559024	87.867	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	548847	87.059	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	104061	28.913	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	29050	8.176	ug/L	99

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

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