Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051923\
Data File : VV031142.D
Acq On : 20 May 2023 06:23
Operator : SY/MD
Sample : 02865-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBX71

Quant Time: May 22 00:14:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 20 01:55:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	240287	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	231697	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	105037	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	87084	42.407	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.820%			
7) Chloroethane-d5	1.532	69	72142	45.602	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.200%			
11) 1,1-Dichloroethene-d2	2.063	65	43579	45.254	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.500%			
21) 2-Butanone-d5	3.793	46	130444	119.211	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 119.210%			
24) Chloroform-d	4.256	84	169584	46.680	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.360%			
26) 1,2-Dichloroethane-d4	4.950	65	122110	49.742	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.480%			
32) Benzene-d6	4.966	84	303589	48.334	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.660%			
36) 1,2-Dichloropropane-d6	5.995	67	92468	49.202	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.400%			
41) Toluene-d8	7.249	98	267517	45.634	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.260%			
43) trans-1,3-Dichloroprop...	7.558	79	43398	46.026	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.060%			
47) 2-Hexanone-d5	8.030	63	81669	111.454	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 111.450%			
56) 1,1,2,2-Tetrachloroeth...	10.159	84	125207	44.419	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 88.840%			
66) 1,2-Dichlorobenzene-d4	11.567	152	107140	56.763	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 113.520%			
Target Compounds						Qvalue
3) Chloromethane	1.217	50	9298	5.475	ug/L	96
6) Bromomethane	1.487	94	2194	2.581	ug/L	88
13) Acetone	2.118	43	28736	20.200	ug/L	95
33) Benzene	5.021	78	24882	4.483	ug/L	100
42) Toluene	7.323	91	89165	14.847	ug/L	100
48) 2-Hexanone	8.092	43	12753	6.513	ug/L #	89
52) Ethylbenzene	8.956	91	20195	2.937	ug/L	97
53) m,p-Xylene	9.082	106	4451	1.669	ug/L	95
54) o-Xylene	9.490	106	2500	0.950	ug/L	72

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

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