Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051923\
Data File : VV031141.D
Acq On : 20 May 2023 05:59
Operator : SY/MD
Sample : 02865-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GBX70

Quant Time: May 20 06:27:24 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	239158	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	228708	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	103845	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	82999	40.608	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.220%			
7) Chloroethane-d5	1.529	69	70189	44.577	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.160%			
11) 1,1-Dichloroethene-d2	2.063	65	40217	41.960	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.920%			
21) 2-Butanone-d5	3.793	46	129480	118.889	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 118.890%			
24) Chloroform-d	4.256	84	163449	45.204	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.400%			
26) 1,2-Dichloroethane-d4	4.950	65	117378	48.040	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.080%			
32) Benzene-d6	4.966	84	293791	47.385	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.760%			
36) 1,2-Dichloropropane-d6	5.995	67	88569	47.743	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.480%			
41) Toluene-d8	7.249	98	252690	43.668	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.340%			
43) trans-1,3-Dichloroprop...	7.561	79	40274	43.271	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.540%			
47) 2-Hexanone-d5	8.030	63	79048	109.287	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 109.290%			
56) 1,1,2,2-Tetrachloroeth...	10.159	84	121425	43.640	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.280%			
66) 1,2-Dichlorobenzene-d4	11.567	152	100291	53.744	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.480%			
Target Compounds						Qvalue
3) Chloromethane	1.217	50	10203	6.036	ug/L	96
6) Bromomethane	1.484	94	3497	4.133	ug/L	91
13) Acetone	2.121	43	60278	42.573	ug/L	99
33) Benzene	5.024	78	17979	3.281	ug/L	100
42) Toluene	7.323	91	104258	17.587	ug/L	99
48) 2-Hexanone	8.091	43	11503	5.951	ug/L #	94
52) Ethylbenzene	8.956	91	35218	5.189	ug/L	96
53) m,p-Xylene	9.079	106	9841	3.738	ug/L	100
54) o-Xylene	9.490	106	4645	1.788	ug/L	79
63) 1,2,4-Trimethylbenzene	10.860	105	4026	0.902	ug/L	93

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

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