Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051923\
Data File : VV031122.D
Acq On : 19 May 2023 21:27
Operator : SY/MD
Sample : 02866-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Quant Time: May 20 00:38:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 20 00:29:13 2023
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
GBX91

Manual Integrations APPROVED

Reviewed By :Krupa Patel 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	264451	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	252540	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	116345	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	92998	41.149	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.300%			
7) Chloroethane-d5	1.536	69	88144	50.626	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.260%			
11) 1,1-Dichloroethene-d2	2.063	65	45572	43.000	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.000%			
21) 2-Butanone-d5	3.799	46	111119	92.271	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 92.270%			
24) Chloroform-d	4.256	84	176543	44.155	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.320%			
26) 1,2-Dichloroethane-d4	4.947	65	124157	45.954	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.900%			
32) Benzene-d6	4.966	84	316893	46.288	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.580%			
36) 1,2-Dichloropropane-d6	5.995	67	98352	48.013	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.020%			
41) Toluene-d8	7.249	98	274405	42.945	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.900%			
43) trans-1,3-Dichloroprop...	7.558	79	46198	44.952	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.900%			
47) 2-Hexanone-d5	8.034	63	67563	84.594	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 84.590%			
56) 1,1,2,2-Tetrachloroeth...	10.159	84	130126	42.354	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 84.700%			
66) 1,2-Dichlorobenzene-d4	11.567	152	106079	50.738	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.480%			
Target Compounds						Qvalue
3) Chloromethane	1.220	50	11097	5.937	ug/L	99
6) Bromomethane	1.494	94	3029	3.237	ug/L	99
12) 1,1-Dichloroethene	2.072	96	19773m	13.460	ug/L	
13) Acetone	2.130	43	5628	3.595	ug/L	90
17) trans-1,2-Dichloroethene	2.703	96	8227	6.057	ug/L	95
20) cis-1,2-Dichloroethene	3.818	96	594882	355.303	ug/L	95
34) Trichloroethene	5.841	95	5909742	3645.475	ug/L	96
45) 1,1,2-Trichloroethane	7.783	97	1417	0.780	ug/L	97
46) Tetrachloroethene	7.915	164	4681	3.363	ug/L	91

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

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