Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051923\
Data File : VV031135.D
Acq On : 20 May 2023 03:31
Operator : SY/MD
Sample : 02865-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Quant Time: May 20 06:25:56 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

Instrument :
MSVOA_V
ClientSampleId :
GBX64

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	239365	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	228912	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	104747	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	85095	41.598	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 83.200%			
7) Chloroethane-d5	1.532	69	69700	44.228	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.460%			
11) 1,1-Dichloroethene-d2	2.063	65	41695	43.465	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.920%			
21) 2-Butanone-d5	3.793	46	120854	110.873	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 110.870%			
24) Chloroform-d	4.256	84	162586	44.926	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.860%			
26) 1,2-Dichloroethane-d4	4.950	65	118438	48.432	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.860%			
32) Benzene-d6	4.966	84	293609	47.313	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.620%			
36) 1,2-Dichloropropane-d6	5.995	67	87035	46.874	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.740%			
41) Toluene-d8	7.249	98	252261	43.555	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.100%			
43) trans-1,3-Dichloroprop...	7.558	79	40673	43.661	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.320%			
47) 2-Hexanone-d5	8.030	63	76452	105.604	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.600%			
56) 1,1,2,2-Tetrachloroeth...	10.159	84	130119	46.723	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.440%			
66) 1,2-Dichlorobenzene-d4	11.567	152	97375	51.732	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.460%			
Target Compounds						Qvalue
3) Chloromethane	1.220	50	11110	6.567	ug/L	99
6) Bromomethane	1.487	94	3099	3.659	ug/L	91
13) Acetone	2.117	43	125901	88.845	ug/L	97
22) 2-Butanone	3.899	43	9410m	6.925	ug/L	
34) Trichloroethene	5.847	95	2001	1.362	ug/L	93
42) Toluene	7.326	91	19710	3.322	ug/L	97
48) 2-Hexanone	8.091	43	13420	6.937	ug/L	90
52) Ethylbenzene	8.956	91	4989	0.734	ug/L	98
53) m,p-Xylene	9.082	106	1933	0.734	ug/L	82

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

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