Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031537.D
Acq On : 15 Jun 2023 17:32
Operator : SY/MD
Sample : 03249-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYT5

Quant Time: Jun 16 02:50:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 16 02:44:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	192425	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	185965	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	93110	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	49850	38.926	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 77.860%			
7) Chloroethane-d5	1.536	69	48113	43.057	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.120%			
11) 1,1-Dichloroethene-d2	2.066	65	25309	38.346	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.700%			
21) 2-Butanone-d5	3.799	46	113661	109.608	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.610%			
24) Chloroform-d	4.259	84	133994	41.778	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.560%			
26) 1,2-Dichloroethane-d4	4.950	65	92021	45.857	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.720%			
32) Benzene-d6	4.969	84	235517	44.993	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.980%			
36) 1,2-Dichloropropane-d6	5.995	67	84529	45.561	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.120%			
41) Toluene-d8	7.249	98	200493	41.739	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.480%			
43) trans-1,3-Dichloroprop...	7.558	79	39391	43.553	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.100%			
47) 2-Hexanone-d5	8.034	63	78610	107.314	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.310%			
56) 1,1,2,2-Tetrachloroeth...	10.159	84	130239	46.508	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.020%			
66) 1,2-Dichlorobenzene-d4	11.567	152	91028	51.288	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.580%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.076	96	9176	6.445	ug/L #	1
17) trans-1,2-Dichloroethene	2.706	96	2352	1.583	ug/L	77
19) 1,1-Dichloroethane	3.121	63	74072	23.092	ug/L	98
20) cis-1,2-Dichloroethene	3.825	96	75221	46.833	ug/L	99
30) 1,1,1-Trichloroethane	4.523	97	532606	178.633	ug/L	100
34) Trichloroethene	5.844	95	4855	2.934	ug/L	98
46) Tetrachloroethene	7.911	164	15242	11.738	ug/L	98
53) m,p-Xylene	9.082	106	2966	1.131	ug/L	95
63) 1,2,4-Trimethylbenzene	10.857	105	10958	2.397	ug/L	100

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

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