Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041723\
Data File : VV030597.D
Acq On : 17 Apr 2023 18:36
Operator : SY/MD
Sample : 02360-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AN7

Quant Time: Apr 18 02:51:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 18 02:45:56 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	246090	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	235981	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	105463	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	83930	46.524	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 93.040%			
7) Chloroethane-d5	1.539	69	70392	46.563	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.120%			
11) 1,1-Dichloroethene-d2	2.063	65	39261	45.891	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.780%			
21) 2-Butanone-d5	3.805	46	97143	98.037	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.040%			
24) Chloroform-d	4.259	84	150140	45.924	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.840%			
26) 1,2-Dichloroethane-d4	4.953	65	101570	48.323	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.640%			
32) Benzene-d6	4.969	84	281082	50.380	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.760%			
36) 1,2-Dichloropropane-d6	5.998	67	89094	51.408	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.820%			
41) Toluene-d8	7.252	98	243541	46.492	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.980%			
43) trans-1,3-Dichloroprop...	7.561	79	40652	46.539	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.080%			
47) 2-Hexanone-d5	8.034	63	60847	89.124	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.120%			
56) 1,1,2,2-Tetrachloroeth...	10.162	84	115445	45.907	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.820%			
66) 1,2-Dichlorobenzene-d4	11.570	152	90343	53.894	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.780%			
Target Compounds						Qvalue
3) Chloromethane	1.220	50	13095	4.718	ug/L	97
6) Bromomethane	1.497	94	2880	3.246	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	4783	2.510	ug/L #	86
12) 1,1-Dichloroethene	2.076	96	4349	2.524	ug/L #	1
20) cis-1,2-Dichloroethene	3.825	96	17503	9.250	ug/L	93
30) 1,1,1-Trichloroethane	4.522	97	279523	84.298	ug/L	99
34) Trichloroethene	5.841	95	334388	179.398	ug/L	98

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

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