Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041824\
Data File : VV035274.D
Acq On : 18 Apr 2024 11:37
Operator : SY/MD
Sample : P2158-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MC0RC3

Quant Time: Apr 19 01:42:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 10 04:53:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	306443	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	304344	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	139108	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	159979	54.056	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 108.120%			
7) Chloroethane-d5	1.523	69	138976	54.066	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 108.140%			
11) 1,1-Dichloroethene-d2	2.056	65	68785	53.022	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.040%			
21) 2-Butanone-d5	3.786	46	193005	109.961	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.960%			
24) Chloroform-d	4.243	84	302847	60.863	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 121.720%			
26) 1,2-Dichloroethane-d4	4.937	65	191665	60.670	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 121.340%			
32) Benzene-d6	4.957	84	605826	59.261	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 118.520%			
36) 1,2-Dichloropropane-d6	5.986	67	198346	61.099	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 122.200%#			
41) Toluene-d8	7.240	98	511329	55.539	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.080%			
43) trans-1,3-Dichloroprop...	7.551	79	78114	49.496	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.000%			
47) 2-Hexanone-d5	8.024	63	127002	103.474	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.470%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	264719	59.216	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 118.440%			
66) 1,2-Dichlorobenzene-d4	11.558	152	193217	61.863	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 123.720%#			
Target Compounds						Qvalue
51) Chlorobenzene	8.815	112	89258	13.255	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	91586	19.542	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	375283	78.744	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	27849	5.965	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	56043	18.063	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	24497	8.010	ug/L	98

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

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