Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041824\
Data File : VV035289.D
Acq On : 18 Apr 2024 17:38
Operator : SY/MD
Sample : P2158-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : MC0RE3

Quant Time: Apr 19 01:44:04 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	335966	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	318480	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	145802	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	150674	46.438	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.880%			
7) Chloroethane-d5	1.523	69	128832	45.715	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.440%			
11) 1,1-Dichloroethene-d2	2.056	65	64406	45.284	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.560%			
21) 2-Butanone-d5	3.786	46	201973	104.959	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.960%			
24) Chloroform-d	4.246	84	276226	50.635	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.280%			
26) 1,2-Dichloroethane-d4	4.941	65	175654	50.716	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.440%			
32) Benzene-d6	4.957	84	554881	51.868	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.740%			
36) 1,2-Dichloropropane-d6	5.986	67	179184	52.746	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.500%			
41) Toluene-d8	7.243	98	474053	49.204	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.400%			
43) trans-1,3-Dichloroprop...	7.555	79	76800	46.504	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.000%			
47) 2-Hexanone-d5	8.024	63	131852	102.657	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.660%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	251200	53.697	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 107.400%			
66) 1,2-Dichlorobenzene-d4	11.558	152	172963	52.836	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.680%			
Target Compounds						Qvalue
33) Benzene	5.015	78	29299	2.821	ug/L	100
51) Chlorobenzene	8.812	112	354865	50.359	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	24855	5.060	ug/L	94
65) 1,4-Dichlorobenzene	11.207	146	209026	41.845	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	399068	81.554	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	318676	97.998	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	102266	31.904	ug/L	97

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

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