Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041824\
Data File : VV035284.D
Acq On : 18 Apr 2024 15:38
Operator : SY/MD
Sample : P2158-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MC0RD4

Quant Time: Apr 19 01:43:27 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	332682	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	322203	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	149177	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	143430	44.642	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 89.280%			
7) Chloroethane-d5	1.526	69	124947	44.774	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.540%			
11) 1,1-Dichloroethene-d2	2.056	65	63737	45.256	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.520%			
21) 2-Butanone-d5	3.789	46	187447	98.372	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.370%			
24) Chloroform-d	4.246	84	276823	51.245	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.500%			
26) 1,2-Dichloroethane-d4	4.937	65	178333	51.998	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.000%			
32) Benzene-d6	4.956	84	549780	50.798	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.600%			
36) 1,2-Dichloropropane-d6	5.985	67	181879	52.921	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.840%			
41) Toluene-d8	7.243	98	469075	48.125	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.260%			
43) trans-1,3-Dichloroprop...	7.554	79	71712	42.921	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.840%			
47) 2-Hexanone-d5	8.024	63	119064	91.630	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.630%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	248537	52.514	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 105.020%			
66) 1,2-Dichlorobenzene-d4	11.558	152	179246	53.517	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.040%			
Target Compounds						Qvalue
33) Benzene	5.011	78	79692	7.585	ug/L	100
51) Chlorobenzene	8.812	112	931596	130.675	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	58096	11.560	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	275426	53.891	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	110618	22.095	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	58727	17.651	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	17698	5.396	ug/L	96

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

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