Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040323\
Data File : VU053541.D
Acq On : 04 Apr 2023 00:21
Operator : JC/MD
Sample : 02158-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-9D(20230330)

Quant Time: Apr 04 06:58:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 01 04:51:17 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	262897	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	242503	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	134346	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	89943	43.937	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 87.880%			
7) Chloroethane-d5	1.909	69	76746	48.624	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.240%			
11) 1,1-Dichloroethene-d2	2.565	63	113120	35.698	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.400%			
21) 2-Butanone-d5	4.613	46	107470	115.955	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 115.950%			
24) Chloroform-d	5.057	84	157929	46.649	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.300%			
26) 1,2-Dichloroethane-d4	5.697	65	101575	50.775	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.540%			
32) Benzene-d6	5.722	84	322957	49.338	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.680%			
36) 1,2-Dichloropropane-d6	6.684	67	102452	51.207	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.420%			
41) Toluene-d8	7.893	98	304848	46.857	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.720%			
43) trans-1,3-Dichloroprop...	8.173	79	49730	48.152	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.300%			
47) 2-Hexanone-d5	8.626	63	83664	122.525	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 122.520%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	146992	52.126	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.260%			
66) 1,2-Dichlorobenzene-d4	12.188	152	131006	46.716	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.440%			
Target Compounds						Qvalue
46) Tetrachloroethene	8.555	164	1932	1.218	ug/L	83
51) Chlorobenzene	9.443	112	230547	46.732	ug/L	95
64) 1,3-Dichlorobenzene	11.742	146	384759	92.705	ug/L	97
65) 1,4-Dichlorobenzene	11.832	146	1048664	247.910	ug/L	97
67) 1,2-Dichlorobenzene	12.208	146	121163	29.291	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	4078073	1431.144	ug/L	98
72) 1,2,3-Trichlorobenzene	14.323	180	230058	80.832	ug/L	97

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

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