Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040323\
Data File : VU053538.D
Acq On : 03 Apr 2023 23:09
Operator : JC/MD
Sample : 02158-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-7S(20230329)

Quant Time: Apr 04 06:57:36 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	261044	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	241401	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	130121	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	92876	45.692	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.380%			
7) Chloroethane-d5	1.909	69	78812	50.288	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.580%			
11) 1,1-Dichloroethene-d2	2.565	63	113950	36.215	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.440%			
21) 2-Butanone-d5	4.613	46	111710	121.385	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 121.390%			
24) Chloroform-d	5.057	84	161509	48.045	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.080%			
26) 1,2-Dichloroethane-d4	5.697	65	103949	52.330	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.660%			
32) Benzene-d6	5.722	84	331003	50.798	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.600%			
36) 1,2-Dichloropropane-d6	6.684	67	102677	51.553	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.100%			
41) Toluene-d8	7.893	98	311521	48.101	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.200%			
43) trans-1,3-Dichloroprop...	8.176	79	50152	48.782	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.560%			
47) 2-Hexanone-d5	8.626	63	85681	126.051	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 126.050%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	150027	53.445	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 106.880%			
66) 1,2-Dichlorobenzene-d4	12.188	152	128625	47.357	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.720%			
Target Compounds						Qvalue
5) Vinyl chloride	1.600	62	6326	3.135	ug/L #	69
12) 1,1-Dichloroethene	2.568	96	2185	1.364	ug/L #	1
17) trans-1,2-Dichloroethene	3.350	96	8607	5.347	ug/L	93
19) 1,1-Dichloroethane	3.864	63	27136	10.176	ug/L	97
20) cis-1,2-Dichloroethene	4.661	96	83029	44.654	ug/L	93
33) Benzene	5.771	78	10085	1.603	ug/L	100
46) Tetrachloroethene	8.545	164	2766	1.752	ug/L	85
51) Chlorobenzene	9.443	112	87961	17.911	ug/L	96
64) 1,3-Dichlorobenzene	11.741	146	121739	30.284	ug/L	97
65) 1,4-Dichlorobenzene	11.832	146	668195	163.094	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	11239	2.805	ug/L	97
70) 1,2,4-trichlorobenzene	13.838	180	20953	7.592	ug/L	98

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

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