Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040323\
Data File : VU053533.D
Acq On : 03 Apr 2023 20:24
Operator : JC/MD
Sample : 02158-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-10(20230329)

Quant Time: Apr 04 05:19:39 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	265755	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	250251	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	129439	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	95389	46.097	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.200%			
7) Chloroethane-d5	1.909	69	79379	49.752	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.500%			
11) 1,1-Dichloroethene-d2	2.565	63	114423	35.721	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.440%			
21) 2-Butanone-d5	4.613	46	110367	117.800	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 117.800%			
24) Chloroform-d	5.057	84	162973	47.621	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.240%			
26) 1,2-Dichloroethane-d4	5.697	65	104806	51.827	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.660%			
32) Benzene-d6	5.722	84	336174	49.767	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.540%			
36) 1,2-Dichloropropane-d6	6.687	67	103659	50.206	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.420%			
41) Toluene-d8	7.893	98	310276	46.214	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.420%			
43) trans-1,3-Dichloroprop...	8.176	79	52108	48.892	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.780%			
47) 2-Hexanone-d5	8.626	63	85724	121.655	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 121.650%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	151913	52.203	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.400%			
66) 1,2-Dichlorobenzene-d4	12.188	152	126998	47.004	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.000%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.565	96	1007	0.618	ug/L #	1
19) 1,1-Dichloroethane	3.867	63	17258	6.357	ug/L	97
20) cis-1,2-Dichloroethene	4.665	96	9465	5.000	ug/L	77
34) Trichloroethene	6.539	95	2315	1.174	ug/L	92
42) Toluene	7.967	91	21740	2.942	ug/L	97
46) Tetrachloroethene	8.545	164	9686	5.919	ug/L	95
51) Chlorobenzene	9.442	112	4106	0.807	ug/L	92
64) 1,3-Dichlorobenzene	11.745	146	3393	0.849	ug/L	95
65) 1,4-Dichlorobenzene	11.831	146	15191	3.727	ug/L	90
70) 1,2,4-trichlorobenzene	13.838	180	84855	30.908	ug/L	97
72) 1,2,3-Trichlorobenzene	14.327	180	14240	5.193	ug/L	98

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

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