Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040523\
Data File : VU053580.D
Acq On : 05 Apr 2023 13:10
Operator : JC/MD
Sample : 02158-06DL 200X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-5(20230329)DL

Quant Time: Apr 06 03:37:03 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	6.247	114	264921	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	247691	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	131518	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	66337	32.158	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 64.320%			
7) Chloroethane-d5	1.909	69	61413	38.612	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 77.220%			
11) 1,1-Dichloroethene-d2	2.565	63	86442	27.071	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 54.140%#			
21) 2-Butanone-d5	4.613	46	96808	103.653	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.650%			
24) Chloroform-d	5.057	84	139891	41.005	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.000%			
26) 1,2-Dichloroethane-d4	5.697	65	90270	44.779	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.560%			
32) Benzene-d6	5.723	84	278847	41.707	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.420%			
36) 1,2-Dichloropropane-d6	6.687	67	92165	45.100	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 90.200%			
41) Toluene-d8	7.896	98	251476	37.844	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 75.680%#			
43) trans-1,3-Dichloroprop...	8.176	79	43704	41.431	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.860%			
47) 2-Hexanone-d5	8.629	63	74508	106.830	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 106.830%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	136978	47.557	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.120%			
66) 1,2-Dichlorobenzene-d4	12.189	152	113170	41.224	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.440%			
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.661	96	74155	39.298	ug/L	92
34) Trichloroethene	6.542	95	11862	6.077	ug/L	97
42) Toluene	7.967	91	265983	36.369	ug/L	98
46) Tetrachloroethene	8.552	164	47510	29.332	ug/L	97
51) Chlorobenzene	9.446	112	10384	2.061	ug/L	93
52) Ethylbenzene	9.568	91	12586	1.546	ug/L	99
53) m,p-Xylene	9.690	106	18247	5.731	ug/L	92
54) o-xylene	10.095	106	6368	2.023	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	6666	1.041	ug/L	95
64) 1,3-Dichlorobenzene	11.745	146	10307	2.537	ug/L	95
65) 1,4-Dichlorobenzene	11.835	146	57043	13.775	ug/L	97
67) 1,2-Dichlorobenzene	12.208	146	17414	4.300	ug/L	95
70) 1,2,4-trichlorobenzene	13.838	180	202379	72.549	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	39731	14.260	ug/L	97

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

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