Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032023\
Data File : VU053304.D
Acq On : 20 Mar 2023 13:50
Operator : JC/MD
Sample : 01956-05DL 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0288DL

Quant Time: Mar 21 01:30:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 21 01:25:41 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	117690	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	106014	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	50543	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	38491	35.451	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 70.900%			
7) Chloroethane-d5	1.912	69	33642	38.306	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 76.620%			
11) 1,1-Dichloroethene-d2	2.565	63	53789	28.598	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 57.200%#			
21) 2-Butanone-d5	4.613	46	52823	104.895	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.900%			
24) Chloroform-d	5.057	84	75795	42.384	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.760%			
26) 1,2-Dichloroethane-d4	5.693	65	51828	46.666	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.340%			
32) Benzene-d6	5.722	84	155701	45.280	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.560%			
36) 1,2-Dichloropropane-d6	6.684	67	53069	47.819	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.640%			
41) Toluene-d8	7.893	98	140103	43.762	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.520%			
43) trans-1,3-Dichloroprop...	8.176	79	24847	45.378	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.760%			
47) 2-Hexanone-d5	8.626	63	39459	113.727	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 113.730%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	73183	50.905	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.800%			
66) 1,2-Dichlorobenzene-d4	12.188	152	47942	48.988	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.980%			
Target Compounds						Qvalue
29) Cyclohexane	5.385	56	8624	5.459	ug/L	97
33) Benzene	5.767	78	311699	84.807	ug/L	100
35) Methylcyclohexane	6.761	83	5634	3.354	ug/L	96
42) Toluene	7.967	91	9597	2.429	ug/L	97
51) Chlorobenzene	9.443	112	95492	38.776	ug/L	97
52) Ethylbenzene	9.568	91	26600	5.936	ug/L	100
53) m,p-Xylene	9.690	106	9485	5.671	ug/L	91
61) Isopropylbenzene	10.481	105	3571	0.894	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	4954	1.499	ug/L	88
63) 1,2,4-Trimethylbenzene	11.462	105	9399	2.917	ug/L	96

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

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