Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092322\
Data File : VU050924.D
Acq On : 23 Sep 2022 16:54
Operator : JC/MD
Sample : N4650-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ08

Quant Time: Sep 24 00:25:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 24 00:22:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	411860	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	393231	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	141235	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	173989	40.774	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.540%			
7) Chloroethane-d5	1.909	69	150157	49.410	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.820%			
11) 1,1-Dichloroethene-d2	2.565	63	236233	35.579	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.160%			
21) 2-Butanone-d5	4.623	46	334077	121.268	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 121.270%			
24) Chloroform-d	5.060	84	324572	48.536	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.080%			
26) 1,2-Dichloroethane-d4	5.700	65	210622	51.108	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.220%			
32) Benzene-d6	5.726	84	646457	49.911	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.820%			
36) 1,2-Dichloropropane-d6	6.690	67	220738	50.490	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.980%			
41) Toluene-d8	7.896	98	519027	45.843	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.680%			
43) trans-1,3-Dichloroprop...	8.176	79	90085	47.365	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.740%			
47) 2-Hexanone-d5	8.632	63	182423	101.251	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.250%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	328363	49.263	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.520%			
66) 1,2-Dichlorobenzene-d4	12.192	152	170559	57.678	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 115.360%			
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	2922	0.602	ug/L #	24
9) Trichlorofluoromethane	2.137	101	2890	0.549	ug/L	95
12) 1,1-Dichloroethene	2.578	96	24978	7.889	ug/L #	1
13) Acetone	2.636	43	4981	2.135	ug/L	93
17) trans-1,2-Dichloroethene	3.356	96	8938	2.754	ug/L	95
19) 1,1-Dichloroethane	3.867	63	898716	137.053	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	926029	257.350	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	1277889	244.270	ug/L	99
34) Trichloroethene	6.542	95	14699	4.373	ug/L	97
46) Tetrachloroethene	8.552	164	24388	10.096	ug/L	96

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

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