Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
Data File : VU050854.D
Acq On : 21 Sep 2022 00:41
Operator : JC/MD
Sample : N4650-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ03

Quant Time: Sep 21 04:41:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 21 04:30:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	403501	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	395081	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	140457	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	192320	46.004	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.000%			
7) Chloroethane-d5	1.906	69	149451	50.196	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.400%			
11) 1,1-Dichloroethene-d2	2.565	63	231335	35.563	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.120%			
21) 2-Butanone-d5	4.620	46	303144	112.319	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.320%			
24) Chloroform-d	5.060	84	319693	48.797	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.600%			
26) 1,2-Dichloroethane-d4	5.700	65	205072	50.792	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.580%			
32) Benzene-d6	5.726	84	644908	49.558	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.120%			
36) 1,2-Dichloropropane-d6	6.690	67	217890	49.605	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.200%			
41) Toluene-d8	7.896	98	513076	45.105	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.220%			
43) trans-1,3-Dichloroprop...	8.179	79	86258	45.141	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.280%			
47) 2-Hexanone-d5	8.632	63	183092	101.147	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.150%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	322559	48.166	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.340%			
66) 1,2-Dichlorobenzene-d4	12.192	152	162756	55.344	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.680%			
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	63861	13.430	ug/L	91
8) Chloroethane	1.928	64	43395	16.482	ug/L	97
12) 1,1-Dichloroethene	2.578	96	8191	2.640	ug/L #	1
13) Acetone	2.633	43	5944	2.601	ug/L	90
17) trans-1,2-Dichloroethene	3.356	96	1863	0.586	ug/L	88
19) 1,1-Dichloroethane	3.867	63	335703	52.255	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	154440	43.809	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	641002	121.954	ug/L	99
34) Trichloroethene	6.542	95	20722	6.136	ug/L	96
46) Tetrachloroethene	8.552	164	42005	17.307	ug/L	94

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

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