Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
Data File : VU050848.D
Acq On : 20 Sep 2022 21:56
Operator : JC/MD
Sample : N4651-12 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ45

Quant Time: Sep 21 02:28:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 21 02:18:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	367018	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	354222	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	130744	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	168833	44.400	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.800%			
7) Chloroethane-d5	1.906	69	132534	48.939	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.880%			
11) 1,1-Dichloroethene-d2	2.565	63	203778	34.440	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.880%			
21) 2-Butanone-d5	4.623	46	300990	122.607	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 122.610%			
24) Chloroform-d	5.063	84	278796	46.785	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.560%			
26) 1,2-Dichloroethane-d4	5.700	65	178947	48.727	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.460%			
32) Benzene-d6	5.726	84	557473	47.780	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.560%			
36) 1,2-Dichloropropane-d6	6.690	67	191001	48.499	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.000%			
41) Toluene-d8	7.896	98	445251	43.658	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.320%			
43) trans-1,3-Dichloroprop...	8.179	79	73799	43.075	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.160%			
47) 2-Hexanone-d5	8.632	63	175769	108.302	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 108.300%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	283704	47.250	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.500%			
66) 1,2-Dichlorobenzene-d4	12.192	152	143447	52.402	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.800%			
Target Compounds						Qvalue
5) Vinyl chloride	1.600	62	50766	11.737	ug/L	95
8) Chloroethane	1.928	64	4607	1.924	ug/L	99
12) 1,1-Dichloroethene	2.575	96	3014	1.068	ug/L #	1
17) trans-1,2-Dichloroethene	3.356	96	4583	1.585	ug/L	94
19) 1,1-Dichloroethane	3.867	63	296583	50.754	ug/L	96
20) cis-1,2-Dichloroethene	4.665	96	226277	70.567	ug/L	99
27) 1,2-Dichloroethane	5.803	62	1785	0.403	ug/L #	89
30) 1,1,1-Trichloroethane	5.311	97	5735	1.217	ug/L	97
63) 1,2,4-Trimethylbenzene	11.465	105	7934	1.043	ug/L	98

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

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