Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092321\
Data File : VU044786.D
Acq On : 23 Sep 2021 15:50
Operator : SY/MD
Sample : M3873-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW7X7

Quant Time: Sep 24 05:38:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 24 05:26:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	272856	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	261662	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	117968	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	132324	44.300	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.600%			
7) Chloroethane-d5	1.912	69	103414	43.690	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.380%			
11) 1,1-Dichloroethene-d2	2.572	63	164370	32.768	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.540%			
21) 2-Butanone-d5	4.629	46	235020	99.525	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.520%			
24) Chloroform-d	5.070	84	202923	43.014	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.020%			
26) 1,2-Dichloroethane-d4	5.707	65	144411	45.192	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.380%			
32) Benzene-d6	5.732	84	416273	45.847	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.700%			
36) 1,2-Dichloropropane-d6	6.697	67	137298	46.376	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.760%			
41) Toluene-d8	7.903	98	344539	43.971	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.940%			
43) trans-1,3-Dichloroprop...	8.182	79	57507	43.667	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.340%			
47) 2-Hexanone-d5	8.636	63	159493	97.213	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.210%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	201947	43.805	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.620%			
66) 1,2-Dichlorobenzene-d4	12.198	152	123302	48.028	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.060%			
Target Compounds						Qvalue
3) Chloromethane	1.520	50	2147	0.659	ug/L	96
5) Vinyl chloride	1.607	62	390055	122.256	ug/L	99
12) 1,1-Dichloroethene	2.578	96	2637	1.248	ug/L #	1
17) trans-1,2-Dichloroethene	3.356	96	22985	10.326	ug/L	95
20) cis-1,2-Dichloroethene	4.671	96	899244	366.634	ug/L	98
29) Cyclohexane	5.391	56	31518	8.013	ug/L	98
33) Benzene	5.780	78	29061	2.994	ug/L	100
34) Trichloroethene	6.546	95	10490	4.500	ug/L	97
42) Toluene	7.973	91	5746	0.583	ug/L	83

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

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