Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121121\
Data File : VU046283.D
Acq On : 11 Dec 2021 13:57
Operator : SY/MD
Sample : M4943-01DL 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1DL

Quant Time: Dec 12 01:38:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	183998	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	193820	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	110414	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	59156	39.029	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 78.060%			
7) Chloroethane-d5	1.919	69	48721	41.866	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.740%			
11) 1,1-Dichloroethene-d2	2.571	63	82388	30.279	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 60.560%			
21) 2-Butanone-d5	4.636	46	136040	112.906	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.910%			
24) Chloroform-d	5.067	84	122798	48.515	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.040%			
26) 1,2-Dichloroethane-d4	5.706	65	85669	50.433	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.860%			
32) Benzene-d6	5.732	84	251083	45.198	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.400%			
36) 1,2-Dichloropropane-d6	6.693	67	82331	47.821	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.640%			
41) Toluene-d8	7.899	98	216485	42.800	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.600%			
43) trans-1,3-Dichloroprop...	8.182	79	39286	47.270	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.540%			
47) 2-Hexanone-d5	8.636	63	98657	120.858	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 120.860%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	142577	54.607	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 109.220%			
66) 1,2-Dichlorobenzene-d4	12.195	152	104042	48.929	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.860%			
Target Compounds						Qvalue
13) Acetone	2.655	43	15233	10.116	ug/L	84
33) Benzene	5.780	78	5003	0.853	ug/L	100
42) Toluene	7.973	91	70133	11.142	ug/L	99
52) Ethylbenzene	9.571	91	171815	25.363	ug/L	99
53) m,p-Xylene	9.693	106	201245	76.175	ug/L	97
54) o-xylene	10.102	106	68704	26.801	ug/L	96
61) Isopropylbenzene	10.484	105	28728	3.999	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	82795	13.827	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	281885	47.053	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	3196	0.930	ug/L #	56
70) 1,2,4-trichlorobenzene	13.844	180	1671	0.757	ug/L #	75

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

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