Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046054.D
Acq On : 02 Dec 2021 15:57
Operator : SY/MD
Sample : M4870-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKN9

Quant Time: Dec 03 05:11:53 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	219111	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	215985	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	112829	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	61698	34.183	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 68.360%			
7) Chloroethane-d5	1.916	69	49414	35.657	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 71.320%			
11) 1,1-Dichloroethene-d2	2.568	63	88645	27.358	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 54.720%#			
21) 2-Butanone-d5	4.633	46	130385	90.872	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.870%			
24) Chloroform-d	5.067	84	127332	42.245	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.500%			
26) 1,2-Dichloroethane-d4	5.703	65	84568	41.807	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.620%			
32) Benzene-d6	5.729	84	267398	43.195	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.380%			
36) 1,2-Dichloropropane-d6	6.694	67	84732	44.165	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 88.320%			
41) Toluene-d8	7.899	98	244155	43.317	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.640%			
43) trans-1,3-Dichloroprop...	8.182	79	39448	42.594	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.180%			
47) 2-Hexanone-d5	8.632	63	89960	98.895	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.890%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	122867	42.229	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 84.460%			
66) 1,2-Dichlorobenzene-d4	12.195	152	98188	45.188	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.380%			
Target Compounds						Qvalue
13) Acetone	2.649	43	25419	14.175	ug/L	92
20) cis-1,2-Dichloroethene	4.671	96	7252	4.169	ug/L	99
22) 2-Butanone	4.716	43	6218	3.185	ug/L	96
33) Benzene	5.780	78	4306	0.659	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	4567	1.815	ug/L	96
42) Toluene	7.973	91	19027	2.713	ug/L	96
52) Ethylbenzene	9.571	91	76843	10.179	ug/L	100
53) m,p-Xylene	9.693	106	75796	25.746	ug/L	95
54) o-xylene	10.102	106	31490	11.023	ug/L	96
62) 1,3,5-Trimethylbenzene	11.089	105	6319	1.033	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	22792	3.723	ug/L	99

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

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