Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
Data File : VU048205.D
Acq On : 22 Apr 2022 05:34
Operator : SY/MD
Sample : N2488-04 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0HX2

Quant Time: Apr 22 06:38:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 22 02:51:38 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	343791	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	353628	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	179060	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	88171	35.367	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 70.740%			
7) Chloroethane-d5	1.913	69	78252	39.807	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 79.620%			
11) 1,1-Dichloroethene-d2	2.569	63	124955	27.395	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 54.780%#			
21) 2-Butanone-d5	4.626	46	185038	86.473	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 86.470%			
24) Chloroform-d	5.064	84	192036	42.098	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.200%			
26) 1,2-Dichloroethane-d4	5.704	65	120905	43.215	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.440%			
32) Benzene-d6	5.729	84	381722	42.898	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.800%			
36) 1,2-Dichloropropane-d6	6.691	67	130443	47.733	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.460%			
41) Toluene-d8	7.900	98	323536	37.319	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 74.640%#			
43) trans-1,3-Dichloroprop...	8.179	79	49915	36.054	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.100%			
47) 2-Hexanone-d5	8.636	63	124723	77.964	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 77.960%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	200223	42.693	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 85.380%			
66) 1,2-Dichlorobenzene-d4	12.192	152	150731	47.316	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.640%			
Target Compounds						Qvalue
25) Chloroform	5.089	83	31635	6.698	ug/L	96
33) Benzene	5.774	78	1365520	133.406	ug/L	100
51) Chlorobenzene	9.446	112	1081221	141.784	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	122201	22.719	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	622711	111.770	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	828196	153.882	ug/L	99
70) 1,2,4-trichlorobenzene	13.842	180	79272	20.718	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	31989	8.340	ug/L	98

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

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