Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012723\
Data File : VU052845.D
Acq On : 27 Jan 2023 14:37
Operator : JC/MD
Sample : 01295-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0LC9

Quant Time: Jan 27 22:23:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 27 22:20:01 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	265746	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	257592	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	121529	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	71468	37.365	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 74.720%			
7) Chloroethane-d5	1.909	69	66828	42.403	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 84.800%			
11) 1,1-Dichloroethene-d2	2.565	63	143131	37.623	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.240%			
21) 2-Butanone-d5	4.623	46	96530	81.695	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 81.700%			
24) Chloroform-d	5.057	84	173258	42.443	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.880%			
26) 1,2-Dichloroethane-d4	5.694	65	115320	44.244	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.480%			
32) Benzene-d6	5.723	84	338417	43.002	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.000%			
36) 1,2-Dichloropropane-d6	6.684	67	99570	43.139	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 86.280%			
41) Toluene-d8	7.893	98	294476	41.092	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.180%			
43) trans-1,3-Dichloroprop...	8.176	79	47825	41.341	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.680%			
47) 2-Hexanone-d5	8.632	63	72745	89.698	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.700%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	138841	40.714	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 81.420%			
66) 1,2-Dichlorobenzene-d4	12.189	152	114261	48.421	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.840%			
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	7723	3.401	ug/L #	77
12) 1,1-Dichloroethene	2.578	96	51635	26.265	ug/L	90
19) 1,1-Dichloroethane	3.864	63	15309	4.109	ug/L #	96
20) cis-1,2-Dichloroethene	4.658	96	287870	126.912	ug/L	99
30) 1,1,1-Trichloroethane	5.311	97	32251	8.512	ug/L	99
34) Trichloroethene	6.536	95	230306	103.337	ug/L	95
46) Tetrachloroethene	8.549	164	934576	486.990	ug/L	99
51) Chlorobenzene	9.443	112	7549	1.221	ug/L	93

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

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