Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071719\
Data File : VU033286.D
Acq On : 17 Jul 2019 13:15
Operator : JC/SP
Sample : K3772-23MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A52M0MS

Quant Time: Jul 18 08:47:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 18 08:01:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	130223	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	136763	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	59066	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	54347	4.14	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.80%			
7) Chloroethane-d5	1.67	69	47474	4.34	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.80%			
11) 1,1-Dichloroethene-d2	2.26	63	126993	5.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.20%			
20) 2-Butanone-d5	4.17	46	113837	46.06	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.12%			
24) Chloroform-d	4.62	84	83405	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.20%			
26) 1,2-Dichloroethane-d4	5.29	65	48686	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.20%			
32) Benzene-d6	5.31	84	176598	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.80%			
36) 1,2-Dichloropropane-d6	6.31	67	57117	4.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.20%			
41) Toluene-d8	7.55	98	152231	4.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.40%			
43) trans-1,3-Dichloropropene-	7.83	79	22169	4.57	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.40%			
46) 2-Hexanone-d5	8.30	63	85473	42.85	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 85.70%			
57) 1,1,2,2-Tetrachloroethane-	10.42	84	47761	4.74	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.80%			
64) 1,2-Dichlorobenzene-d4	11.85	152	59687	5.19	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	121537	8.670	ug/L	99
12) 1,1-Dichloroethene	2.27	96	71787	6.710	ug/L #	82
13) Acetone	2.31	43	10017	4.629	ug/L	96
18) trans-1,2-Dichloroethene	2.96	96	21898	1.853	ug/L	98
19) 1,1-Dichloroethane	3.42	63	9444	0.532	ug/L	98
22) cis-1,2-Dichloroethene	4.20	96	5040351	504.649	ug/L	93
29) 1,1,1-Trichloroethane	4.89	97	6517	0.413	ug/L #	86
33) Benzene	5.37	78	184287	4.758	ug/L	100
34) Trichloroethene	6.16	95	3813993	372.153	ug/L	97
42) Toluene	7.62	91	197948	4.761	ug/L	99
47) Tetrachloroethene	8.21	164	3409	0.415	ug/L	99
51) Chlorobenzene	9.10	112	129749	4.754	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	2851	0.163	ug/L	92

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

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