Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102319\
Data File : VU035420.D
Acq On : 23 Oct 2019 20:29
Operator : JC/SP
Sample : K5488-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G32

Quant Time: Oct 24 06:45:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 24 05:20:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	215333	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	224770	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	70007	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	57185	4.35	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.00%			
7) Chloroethane-d5	1.93	69	59604	4.97	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.40%			
11) 1,1-Dichloroethene-d2	2.59	63	80483	3.32	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.40%			
20) 2-Butanone-d5	4.71	46	233918	61.99	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 123.98%			
24) Chloroform-d	5.11	84	127227	5.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.00%			
26) 1,2-Dichloroethane-d4	5.75	65	75446	5.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 113.40%			
32) Benzene-d6	5.77	84	241116	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.80%			
36) 1,2-Dichloropropane-d6	6.74	67	89068	5.46	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 109.20%			
41) Toluene-d8	7.93	98	196396	3.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.80%			
43) trans-1,3-Dichloropropene-	8.22	79	29931	3.78	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.60%			
46) 2-Hexanone-d5	8.70	63	168189	48.15	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.30%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	80186	5.51	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.20%			
64) 1,2-Dichlorobenzene-d4	12.22	152	65284	5.12	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.40	85	5216	0.285	ug/L	93
17) Methyl tert-butyl Ether	3.43	73	9554	0.257	ug/L #	95
18) trans-1,2-Dichloroethene	3.39	96	4157	0.278	ug/L	91
22) cis-1,2-Dichloroethene	4.72	96	39101	2.370	ug/L	96
34) Trichloroethene	6.58	95	15769	0.887	ug/L	93
47) Tetrachloroethene	8.58	164	195704	13.212	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	1831	0.186	ug/L	96
70) 1,2,3-Trichlorobenzene	14.36	180	2016	0.219	ug/L	99

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

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