Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102219\
Data File : VU035356.D
Acq On : 22 Oct 2019 11:31
Operator : JC/SP
Sample : K5461-15MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G66MSD

Quant Time: Oct 24 13:39:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 06:48:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	300537	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	293752	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	116760	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	77246	4.21	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.20%			
7) Chloroethane-d5	1.93	69	78444	4.68	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.60%			
11) 1,1-Dichloroethene-d2	2.60	63	147435	4.35	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.00%			
20) 2-Butanone-d5	4.70	46	271094	51.48	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.96%			
24) Chloroform-d	5.11	84	160225	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.80%			
26) 1,2-Dichloroethane-d4	5.75	65	91664	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.80%			
32) Benzene-d6	5.77	84	328739	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.80%			
36) 1,2-Dichloropropane-d6	6.74	67	113741	5.33	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.60%			
41) Toluene-d8	7.93	98	287284	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.40%			
43) trans-1,3-Dichloropropene-	8.22	79	41005	3.96	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.20%			
46) 2-Hexanone-d5	8.68	63	213785	46.83	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.66%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	97142	5.11	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.20%			
64) 1,2-Dichlorobenzene-d4	12.22	152	99097	4.66	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.20%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.61	96	68880	3.568	ug/L	93
13) Acetone	2.67	43	30222	8.250	ug/L	96
17) Methyl tert-butyl Ether	3.43	73	88374	1.701	ug/L #	95
18) trans-1,2-Dichloroethene	3.39	96	7220	0.346	ug/L	95
19) 1,1-Dichloroethane	3.92	63	3552	0.094	ug/L #	84
21) 2-Butanone	4.78	43	14059	2.355	ug/L	97
22) cis-1,2-Dichloroethene	4.72	96	126660	5.500	ug/L	97
33) Benzene	5.82	78	361313	4.180	ug/L	100
34) Trichloroethene	6.58	95	466704	20.085	ug/L	98
42) Toluene	8.01	91	404419	4.239	ug/L	98
47) Tetrachloroethene	8.58	164	15786	0.815	ug/L	99
51) Chlorobenzene	9.48	112	260633	4.231	ug/L	99

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

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