Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110419\
Data File : VU035607.D
Acq On : 04 Nov 2019 14:53
Operator : JC/SP
Sample : K5656-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5457

Quant Time: Nov 05 10:24:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 05 02:35:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	255897	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	271807	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	132391	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	117359	4.45	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.00%			
7) Chloroethane-d5	1.93	69	98934	4.59	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.80%			
11) 1,1-Dichloroethene-d2	2.59	63	168842	3.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 76.20%			
20) 2-Butanone-d5	4.71	46	273022	46.95	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.90%			
24) Chloroform-d	5.11	84	192749	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.80%			
26) 1,2-Dichloroethane-d4	5.75	65	102378	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.80%			
32) Benzene-d6	5.77	84	408528	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.60%			
36) 1,2-Dichloropropane-d6	6.74	67	130500	4.72	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.40%			
41) Toluene-d8	7.93	98	390020	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.40%			
43) trans-1,3-Dichloropropene-	8.21	79	52260	4.73	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.60%			
46) 2-Hexanone-d5	8.68	63	221712	51.21	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.42%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	104580	4.51	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.20%			
64) 1,2-Dichlorobenzene-d4	12.22	152	127720	4.87	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.40%			
Target Compounds						Qvalue
6) Bromomethane	1.87	94	31742	1.711	ug/L	99
12) 1,1-Dichloroethene	2.61	96	38002	1.689	ug/L #	64
14) Carbon disulfide	2.82	76	463480	6.352	ug/L	99
15) Methyl Acetate	3.00	43	386570	39.688	ug/L	97
16) Methylene chloride	3.08	84	128479	4.816	ug/L	97
17) Methyl tert-butyl Ether	3.43	73	560676	10.631	ug/L	100
21) 2-Butanone	4.78	43	240882	38.691	ug/L	100
22) cis-1,2-Dichloroethene	4.72	96	159232	6.223	ug/L	98
27) 1,2-Dichloroethane	5.84	62	135395	5.200	ug/L	99
30) Cyclohexane	5.43	56	411271	11.497	ug/L	99
33) Benzene	5.82	78	494851	5.173	ug/L	100
34) Trichloroethene	6.58	95	85967	3.512	ug/L	99
35) Methylcyclohexane	6.80	83	826226	22.155	ug/L	97
40) 4-Methyl-2-pentanone	7.84	43	376564	25.983	ug/L	99
42) Toluene	8.01	91	1687140	16.763	ug/L	99
47) Tetrachloroethene	8.58	164	98227	4.604	ug/L	98
48) 2-Hexanone	8.73	43	244023	23.692	ug/L	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) 1,2-Dibromoethane	8.96	107	33758	1.971	ug/L	97
52) Ethylbenzene	9.60	91	1046829	9.884	ug/L	99
53) m,p-Xylene	9.73	106	359475	8.963	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	276019	6.201	ug/L	99

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

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