Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101819\
Data File : VU035279.D
Acq On : 18 Oct 2019 20:21
Operator : JC/SP
Sample : K5419-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FY7

Quant Time: Oct 19 05:38:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 03:38:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	318706	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	316718	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	121338	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	92463	4.76	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.20%			
7) Chloroethane-d5	1.94	69	89770	5.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.00%			
11) 1,1-Dichloroethene-d2	2.60	63	127023	3.54	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.80%			
20) 2-Butanone-d5	4.71	46	276417	49.50	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.00%			
24) Chloroform-d	5.11	84	173977	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.00%			
26) 1,2-Dichloroethane-d4	5.75	65	102533	5.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.20%			
32) Benzene-d6	5.77	84	358124	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.80%			
36) 1,2-Dichloropropane-d6	6.74	67	117454	5.11	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.20%			
41) Toluene-d8	7.93	98	339301	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.00%			
43) trans-1,3-Dichloropropene-	8.22	79	50212	4.50	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.00%			
46) 2-Hexanone-d5	8.69	63	230386	46.81	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.62%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	100320	4.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.80%			
64) 1,2-Dichlorobenzene-d4	12.22	152	113106	5.12	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	42062	1.522	ug/L	92
13) Acetone	2.67	43	6637	1.709	ug/L	97
18) trans-1,2-Dichloroethene	3.39	96	3390	0.153	ug/L	81
19) 1,1-Dichloroethane	3.92	63	11087	0.277	ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	15842	0.649	ug/L	94
30) Cyclohexane	5.43	56	5997	0.151	ug/L	94
33) Benzene	5.82	78	18673	0.200	ug/L	100
34) Trichloroethene	6.58	95	4172	0.167	ug/L	96
35) Methylcyclohexane	6.80	83	6732	0.161	ug/L #	79
42) Toluene	8.01	91	15966	0.155	ug/L	98
52) Ethylbenzene	9.60	91	233444	1.996	ug/L	99
53) m,p-Xylene	9.73	106	12890	0.292	ug/L	98
56) Isopropylbenzene	10.51	105	13750	0.119	ug/L	97

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

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