Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092719\
Data File : VU034854.D
Acq On : 26 Sep 2019 20:02
Operator : JC/SP
Sample : K5044-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : CWK34

Quant Time: Sep 27 05:58:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 27 05:10:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	94017	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	90400	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	42415	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	33938	4.54	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.80%			
7) Chloroethane-d5	1.67	69	29303	4.82	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.40%			
11) 1,1-Dichloroethene-d2	2.26	63	52760	4.00	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.00%			
20) 2-Butanone-d5	4.17	46	90856	49.41	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.82%			
24) Chloroform-d	4.62	84	51940	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.00%			
26) 1,2-Dichloroethane-d4	5.29	65	30089	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.60%			
32) Benzene-d6	5.31	84	110762	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.00%			
36) 1,2-Dichloropropane-d6	6.31	67	37564	4.63	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.60%			
41) Toluene-d8	7.54	98	103110	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.80%			
43) trans-1,3-Dichloropropene-	7.83	79	12510	3.81	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.20%			
46) 2-Hexanone-d5	8.30	63	66664	45.61	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.22%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	27743	4.40	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.00%			
64) 1,2-Dichlorobenzene-d4	11.84	152	34669	4.74	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.80%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	2280	0.340	ug/L	92
5) Vinyl chloride	1.40	62	4483	0.637	ug/L #	77
12) 1,1-Dichloroethene	2.27	96	2966	0.640	ug/L #	1
18) trans-1,2-Dichloroethene	2.96	96	933	0.194	ug/L	85
22) cis-1,2-Dichloroethene	4.20	96	176659	27.408	ug/L	99
34) Trichloroethene	6.16	95	1264100	207.471	ug/L	98
42) Toluene	7.61	91	60382	2.286	ug/L	99
47) Tetrachloroethene	8.21	164	13844	3.748	ug/L	95
51) Chlorobenzene	9.10	112	10265	0.620	ug/L	96

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

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