Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121719\
Data File : VU036260.D
Acq On : 17 Dec 2019 15:43
Operator : JC/MD
Sample : K6281-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFQT3

Quant Time: Dec 18 03:44:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 18 01:23:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	234124	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	264234	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	107343	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	79531	3.86	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.20%			
7) Chloroethane-d5	1.93	69	80328	4.35	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.00%			
11) 1,1-Dichloroethene-d2	2.59	63	87205	2.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 58.60%#			
20) 2-Butanone-d5	4.69	46	208836	54.07	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.14%			
24) Chloroform-d	5.11	84	152839	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.20%			
26) 1,2-Dichloroethane-d4	5.75	65	84532	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.20%			
32) Benzene-d6	5.77	84	276836	4.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.40%			
36) 1,2-Dichloropropane-d6	6.73	67	90834	4.34	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.80%			
41) Toluene-d8	7.93	98	226574	3.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 72.60%			
43) trans-1,3-Dichloropropene-	8.21	79	37080	4.31	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.20%			
46) 2-Hexanone-d5	8.68	63	145186	44.10	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.20%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	91142	4.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.20%			
64) 1,2-Dichlorobenzene-d4	12.22	152	97313	4.73	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	25280	0.813	ug/L	91
13) Acetone	2.68	43	12591	3.740	ug/L	92
16) Methylene chloride	3.08	84	3415	0.134	ug/L	83
18) trans-1,2-Dichloroethene	3.40	96	1818	0.100	ug/L	84
19) 1,1-Dichloroethane	3.92	63	14583	0.434	ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	26828	1.375	ug/L	97
27) 1,2-Dichloroethane	5.84	62	3010	0.140	ug/L #	94
33) Benzene	5.82	78	34176	0.421	ug/L	100
34) Trichloroethene	6.58	95	3946	0.188	ug/L	94
53) m,p-Xylene	9.72	106	3307	0.098	ug/L	68

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

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