Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121919\
Data File : VU036294.D
Acq On : 19 Dec 2019 19:45
Operator : JC/MD
Sample : K6282-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDW9

Quant Time: Dec 20 05:03:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 20 03:13:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	271121	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	294017	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	120876	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	109996	4.61	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.20%			
7) Chloroethane-d5	1.93	69	99161	4.63	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.60%			
11) 1,1-Dichloroethene-d2	2.60	63	119829	3.48	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.60%			
20) 2-Butanone-d5	4.68	46	187963	42.02	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 84.04%			
24) Chloroform-d	5.11	84	162726	4.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.80%			
26) 1,2-Dichloroethane-d4	5.75	65	89323	4.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.60%			
32) Benzene-d6	5.77	84	312652	4.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.60%			
36) 1,2-Dichloropropane-d6	6.73	67	101558	4.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.20%			
41) Toluene-d8	7.93	98	254751	3.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 73.20%			
43) trans-1,3-Dichloropropene-	8.21	79	40867	4.27	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.40%			
46) 2-Hexanone-d5	8.67	63	169596	46.29	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.58%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	90166	4.23	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.60%			
64) 1,2-Dichlorobenzene-d4	12.22	152	105195	4.55	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	7080	0.197	ug/L #	54
9) Trichlorofluoromethane	2.16	101	28942	0.637	ug/L	99
12) 1,1-Dichloroethene	2.61	96	18782	0.934	ug/L #	1
13) Acetone	2.66	43	12756	3.272	ug/L	91
14) Carbon disulfide	2.83	76	11391	0.169	ug/L	98
17) Methyl tert-butyl Ether	3.41	73	31215	0.724	ug/L #	32
18) trans-1,2-Dichloroethene	3.39	96	15865	0.753	ug/L	95
19) 1,1-Dichloroethane	3.92	63	12392	0.319	ug/L	92
22) cis-1,2-Dichloroethene	4.72	96	486074	21.511	ug/L	99
29) 1,1,1-Trichloroethane	5.37	97	2415	0.067	ug/L #	88
33) Benzene	5.82	78	12582	0.139	ug/L	100
34) Trichloroethene	6.58	95	3020107	129.642	ug/L	98
42) Toluene	8.00	91	2674410	27.613	ug/L	99
47) Tetrachloroethene	8.58	164	7169	0.341	ug/L	98
51) Chlorobenzene	9.48	112	18819	0.294	ug/L	95
53) m,p-Xylene	9.72	106	4012	0.107	ug/L	80
63) 1,4-Dichlorobenzene	11.86	146	76907	1.901	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 1,2-Dichlorobenzene	12.23	146	48854	1.257	ug/L	97

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

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