Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120919\
Data File : VU036062.D
Acq On : 09 Dec 2019 21:21
Operator : JC/MD
Sample : K6132-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFQW1

Quant Time: Dec 10 03:36:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 10 01:47:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	254911	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	268891	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	117823	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	100202	4.41	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.20%			
7) Chloroethane-d5	1.93	69	120473	5.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.00%			
11) 1,1-Dichloroethene-d2	2.59	63	123458	2.97	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 59.40%#			
20) 2-Butanone-d5	4.70	46	219628	56.73	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 113.46%			
24) Chloroform-d	5.11	84	173842	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
26) 1,2-Dichloroethane-d4	5.75	65	91502	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.80%			
32) Benzene-d6	5.77	84	344239	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.20%			
36) 1,2-Dichloropropane-d6	6.73	67	102826	5.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.20%			
41) Toluene-d8	7.93	98	286295	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.20%			
43) trans-1,3-Dichloropropene-	8.21	79	40254	4.71	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.20%			
46) 2-Hexanone-d5	8.68	63	184006	59.45	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 118.90%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	96509	5.11	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.20%			
64) 1,2-Dichlorobenzene-d4	12.22	152	117139	5.17	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	103195	4.043	ug/L #	1
8) Chloroethane	1.95	64	93408	4.810	ug/L #	76
13) Acetone	2.69	43	38716	7.878	ug/L	95
15) Methyl Acetate	3.00	43	1677	0.231	ug/L #	62
16) Methylene chloride	3.08	84	15235	0.592	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	2320	0.123	ug/L #	70
19) 1,1-Dichloroethane	3.92	63	255996	7.535	ug/L	98
21) 2-Butanone	4.78	43	91920	18.686	ug/L	99
22) cis-1,2-Dichloroethene	4.72	96	276031	13.894	ug/L	95
25) Chloroform	5.14	83	43546	1.150	ug/L	96
29) 1,1,1-Trichloroethane	5.36	97	113782	3.754	ug/L	98
33) Benzene	5.82	78	126274	1.718	ug/L	100
34) Trichloroethene	6.58	95	5045	0.259	ug/L	94
38) Bromodichloromethane	7.15	83	6074	0.245	ug/L	87
42) Toluene	8.00	91	44123	0.560	ug/L	99
51) Chlorobenzene	9.48	112	76554	1.394	ug/L	96
52) Ethylbenzene	9.60	91	14704	0.178	ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) m,p-Xylene	9.72	106	11380	0.346	ug/L	92
54) o-Xylene	10.13	106	7984	0.259	ug/L	86
55) Styrene	10.14	104	7371	0.139	ug/L	95
62) 1,3-Dichlorobenzene	11.77	146	4549	0.118	ug/L	94
63) 1,4-Dichlorobenzene	11.86	146	16408	0.432	ug/L	93
65) 1,2-Dichlorobenzene	12.24	146	15312	0.402	ug/L	86

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

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