Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120619\
Data File : VU036020.D
Acq On : 06 Dec 2019 13:36
Operator : JC/SP
Sample : K6132-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFQW3

Quant Time: Dec 06 23:26:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 06 22:30:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	280878	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	293163	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	124541	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	113613	3.55	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 71.00%			
7) Chloroethane-d5	1.93	69	115338	4.49	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.80%			
11) 1,1-Dichloroethene-d2	2.59	63	137680	2.99	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 59.80%#			
20) 2-Butanone-d5	4.70	46	264478	46.65	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.30%			
24) Chloroform-d	5.11	84	203050	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.40%			
26) 1,2-Dichloroethane-d4	5.75	65	105509	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.60%			
32) Benzene-d6	5.77	84	382594	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.20%			
36) 1,2-Dichloropropane-d6	6.73	67	123385	4.39	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.80%			
41) Toluene-d8	7.93	98	309273	3.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.40%			
43) trans-1,3-Dichloropropene-	8.21	79	43857	3.86	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.20%			
46) 2-Hexanone-d5	8.68	63	204201	45.72	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.44%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	106615	4.51	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.20%			
64) 1,2-Dichlorobenzene-d4	12.22	152	127913	4.97	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	112583	3.356	ug/L #	55
8) Chloroethane	1.95	64	62048	2.982	ug/L	91
13) Acetone	2.69	43	47733	9.312	ug/L	98
15) Methyl Acetate	3.00	43	4712	0.513	ug/L #	85
16) Methylene chloride	3.08	84	16198	0.519	ug/L	94
18) trans-1,2-Dichloroethene	3.39	96	1920	0.090	ug/L	93
19) 1,1-Dichloroethane	3.92	63	264090	6.338	ug/L	99
21) 2-Butanone	4.79	43	110502	16.792	ug/L	95
22) cis-1,2-Dichloroethene	4.72	96	271292	12.047	ug/L	88
25) Chloroform	5.14	83	75325	1.792	ug/L	96
29) 1,1,1-Trichloroethane	5.36	97	115408	3.255	ug/L	96
33) Benzene	5.82	78	121593	1.319	ug/L	100
34) Trichloroethene	6.58	95	5744	0.246	ug/L	99
38) Bromodichloromethane	7.15	83	10402	0.348	ug/L	97
42) Toluene	8.00	91	47684	0.495	ug/L	100
51) Chlorobenzene	9.48	112	72104	1.199	ug/L	100
52) Ethylbenzene	9.60	91	12194	0.125	ug/L	95

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 06 22:30:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) m,p-Xylene	9.72	106	10641	0.290	ug/L	86
54) o-Xylene	10.13	106	7835	0.227	ug/L	84
55) Styrene	10.14	104	8805	0.152	ug/L	94
62) 1,3-Dichlorobenzene	11.77	146	4511	0.109	ug/L	94
63) 1,4-Dichlorobenzene	11.86	146	13943	0.339	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	13761	0.348	ug/L	99

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

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