Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081318\
Data File : VV007002.D
Acq On : 13 Aug 2018 13:07
Operator : SY/MD
Sample : J4451-23
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A4ZL3

Quant Time: Aug 14 16:45:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 14 05:35:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	229237	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	217026	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	96177	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	58956	3.98	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.60%			
7) Chloroethane-d5	1.58	69	54325	4.33	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.60%			
11) 1,1-Dichloroethene-d2	2.13	63	95249	3.43	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.60%			
20) 2-Butanone-d5	3.97	46	229282	53.88	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.76%			
24) Chloroform-d	4.40	84	141627	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.40%			
26) 1,2-Dichloroethane-d4	5.09	65	74004	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.60%			
32) Benzene-d6	5.10	84	269852	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
36) 1,2-Dichloropropane-d6	6.12	67	93694	4.92	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.40%			
41) Toluene-d8	7.36	98	223796	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.40%			
43) trans-1,3-Dichloropropene-	7.67	79	31811	4.80	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.00%			
46) 2-Hexanone-d5	8.15	63	123820	45.66	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.32%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	71007	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.60%			
64) 1,2-Dichlorobenzene-d4	11.68	152	78615	4.70	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.00%			
Target Compounds						Qvalue
6) Bromomethane	1.54	94	10865	2.25	ug/L	92
12) 1,1-Dichloroethene	2.14	96	29672	1.80	ug/L	88
14) Carbon disulfide	2.32	76	346758	6.38	ug/L	100
15) Methyl Acetate	2.47	43	231741	37.58	ug/L	95
16) Methylene chloride	2.54	84	92574	4.66	ug/L	98
17) Methyl tert-butyl Ether	2.82	73	416802	10.56	ug/L	98
21) 2-Butanone	4.06	43	175103	36.81	ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	119816	5.99	ug/L	95
27) 1,2-Dichloroethane	5.19	62	109168	5.03	ug/L	96
30) Cyclohexane	4.72	56	328555	10.91	ug/L	99
33) Benzene	5.15	78	391378	5.21	ug/L	100
34) Trichloroethene	5.96	95	65253	3.62	ug/L	96
35) Methylcyclohexane	6.18	83	643276	22.23	ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	304014	27.35	ug/L	99
42) Toluene	7.44	91	1262716	17.48	ug/L	98
47) Tetrachloroethene	8.02	164	70489	4.82	ug/L	98
48) 2-Hexanone	8.20	43	194090	24.75	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
50) 1,2-Dibromoethane	8.40	107	22932	2.03	ug/L	#	95
52) Ethylbenzene	9.06	91	744623	10.32	ug/L		100
53) m,p-xylene	9.19	106	242991	9.04	ug/L		99
62) 1,3-Dichlorobenzene	11.23	146	195220	6.27	ug/L		99

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

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