Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR110618\
Data File : VR026188.D
Acq On : 6 Nov 2018 12:19
Operator : SY/MD
Sample : J5801-02
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : F9D01

Quant Time: Nov 06 16:11:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 06 15:50:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	978145	5.00	ug/L		0.00
28) Chlorobenzene-d5	11.29	117	767517	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	343610	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.15	65	237142	2.77	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 55.40%				
7) Chloroethane-d5	2.62	69	230622	3.13	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 62.60%#				
11) 1,1-Dichloroethene-d2	3.61	63	484831	2.31	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 46.20%#				
20) 2-Butanone-d5	6.58	46	209879	29.86	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 59.72%				
24) Chloroform-d	7.20	84	434375	3.19	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 63.80%#				
26) 1,2-Dichloroethane-d4	7.92	65	147054	2.60	ug/L		0.02
Spiked Amount 5.000	Range 70 - 130		Recovery = 52.00%#				
32) Benzene-d6	7.88	84	1072928	4.35	ug/L		0.02
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.00%				
36) 1,2-Dichloropropane-d6	8.90	67	268901	4.22	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 84.40%				
41) Toluene-d8	9.98	98	989017	4.25	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.00%				
43) trans-1,3-Dichloropropene-	10.24	79	71856	4.30	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.00%				
46) 2-Hexanone-d5	10.59	63	274385	56.89	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.78%				
57) 1,1,2,2-Tetrachloroethane-	12.36	84	109851	4.40	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.00%				
64) 1,2-Dichlorobenzene-d4	13.52	152	270878	4.99	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.80%				
Target Compounds							Qvalue
5) Vinyl chloride	2.17	62	494273	4.755	ug/L		99
13) Acetone	3.70	43	141509	19.477	ug/L		87
16) Methylene chloride	4.40	84	15109	0.175	ug/L	#	64
18) trans-1,2-Dichloroethene	4.89	96	61227	0.851	ug/L		96
19) 1,1-Dichloroethane	5.69	63	209681	1.553	ug/L		98
21) 2-Butanone	6.69	43	39918	4.763	ug/L		83
22) cis-1,2-Dichloroethene	6.67	96	464441	6.826	ug/L	#	98
30) Cyclohexane	7.52	56	2863355	27.199	ug/L		99
33) Benzene	7.93	78	42729950	148.373	ug/L		100
34) Trichloroethene	8.71	95	28905	0.392	ug/L		86
35) Methylcyclohexane	8.95	83	1664177	15.165	ug/L		97
40) 4-Methyl-2-pentanone	9.87	43	197490	10.643	ug/L		97
42) Toluene	10.05	91	28669065	94.320	ug/L	#	55
47) Tetrachloroethene	10.51	164	39599	0.752	ug/L		92
51) Chlorobenzene	11.32	112	232209	1.380	ug/L		99
52) Ethylbenzene	11.39	91	16760892	47.953	ug/L	#	16
53) m,p-Xylene	11.51	106	16695338	131.099	ug/L	#	40

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) o-Xylene	11.83	106	10653912	91.253	ug/L	#	37
55) Styrene	11.84	104	2726346	15.172	ug/L	#	52
56) Isopropylbenzene	12.13	105	1697907	5.236	ug/L		99
62) 1,3-Dichlorobenzene	13.16	146	109604	0.960	ug/L	#	87
63) 1,4-Dichlorobenzene	13.24	146	378886	3.205	ug/L		97
65) 1,2-Dichlorobenzene	13.53	146	3240804	35.374	ug/L		96

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

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