Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR092618\
Data File : VR025860.D
Acq On : 26 Sep 2018 13:09
Operator : SY/MD
Sample : J5011-10
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : BE9G2

Quant Time: Sep 27 08:12:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 27 07:50:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	370999	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	305707	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	95837	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.15	65	118576	4.46	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.20%			
7) Chloroethane-d5	2.63	69	105075	5.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.80%			
11) 1,1-Dichloroethene-d2	3.63	63	230906	3.59	ug/L	-0.01
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.80%			
20) 2-Butanone-d5	6.59	46	190133	53.69	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.38%			
24) Chloroform-d	7.20	84	240444	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.20%			
26) 1,2-Dichloroethane-d4	7.89	65	108070	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.00%			
32) Benzene-d6	7.85	84	492829	4.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.80%			
36) 1,2-Dichloropropane-d6	8.90	67	141807	4.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.60%			
41) Toluene-d8	9.97	98	413693	4.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.00%			
43) trans-1,3-Dichloropropene-	10.24	79	23558	2.75	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 55.00%			
46) 2-Hexanone-d5	10.59	63	135207	47.27	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.54%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	54311	4.61	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.20%			
64) 1,2-Dichlorobenzene-d4	13.51	152	68489	4.18	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 83.60%			
Target Compounds						Qvalue
5) Vinyl chloride	2.15	62	50758	1.274	ug/L	100
12) 1,1-Dichloroethene	3.66	96	25904	0.809	ug/L #	35
19) 1,1-Dichloroethane	5.69	63	70684	0.955	ug/L	96
22) cis-1,2-Dichloroethene	6.67	96	229695	6.298	ug/L #	99
29) 1,1,1-Trichloroethane	7.43	97	204183	3.307	ug/L	96
34) Trichloroethene	8.71	95	968496	22.737	ug/L	97
47) Tetrachloroethene	10.51	164	20331	0.835	ug/L	94

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

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