Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102519\
Data File : VV013331.D
Acq On : 24 Oct 2019 22:32
Operator : SY/MD
Sample : K5462-16
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0G14

Quant Time: Oct 25 05:40:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 25 04:42:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	433539	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	465168	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	241894	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	149346	4.67	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.40%			
7) Chloroethane-d5	1.59	69	128984	4.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.80%			
11) 1,1-Dichloroethene-d2	2.13	63	185869	3.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.40%			
20) 2-Butanone-d5	3.95	46	387049	63.06	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 126.12%			
24) Chloroform-d	4.40	84	326613	4.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.00%			
26) 1,2-Dichloroethane-d4	5.08	65	155860	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.40%			
32) Benzene-d6	5.10	84	670984	4.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.00%			
36) 1,2-Dichloropropane-d6	6.12	67	205991	4.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.00%			
41) Toluene-d8	7.36	98	566232	4.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.20%			
43) trans-1,3-Dichloropropene-	7.66	79	60121	3.50	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 70.00%			
46) 2-Hexanone-d5	8.14	63	198534	32.49	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 64.98%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	138192	4.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	230536	4.90	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	145249	3.472	ug/L	98
17) Methyl tert-butyl Ether	2.80	73	998979	12.655	ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	669647	16.665	ug/L	95
19) 1,1-Dichloroethane	3.23	63	104312	1.597	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	2644752	61.493	ug/L #	91
33) Benzene	5.15	78	47664	0.268	ug/L	100
34) Trichloroethene	5.96	95	2009135	42.154	ug/L	97
47) Tetrachloroethene	8.02	164	44317	1.024	ug/L	98

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

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