Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092719\
Data File : VU034855.D
Acq On : 26 Sep 2019 20:27
Operator : JC/SP
Sample : K5044-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : CWK35

Quant Time: Sep 27 06:38:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 27 05:10:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	92174	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	86836	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	42252	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	33309	4.54	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.80%			
7) Chloroethane-d5	1.67	69	28874	4.85	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.00%			
11) 1,1-Dichloroethene-d2	2.26	63	51263	3.96	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.20%			
20) 2-Butanone-d5	4.17	46	89520	49.65	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.30%			
24) Chloroform-d	4.62	84	51771	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
26) 1,2-Dichloroethane-d4	5.29	65	28542	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.60%			
32) Benzene-d6	5.31	84	108096	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%			
36) 1,2-Dichloropropane-d6	6.31	67	37095	4.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.20%			
41) Toluene-d8	7.54	98	102002	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%			
43) trans-1,3-Dichloropropene-	7.83	79	12901	4.09	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.80%			
46) 2-Hexanone-d5	8.30	63	63549	45.26	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.52%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	26605	4.39	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.80%			
64) 1,2-Dichlorobenzene-d4	11.84	152	34492	4.74	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.80%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	5760	0.875	ug/L	98
5) Vinyl chloride	1.40	62	4870	0.706	ug/L	90
12) 1,1-Dichloroethene	2.27	96	2223	0.489	ug/L #	1
18) trans-1,2-Dichloroethene	2.96	96	1402	0.297	ug/L	91
22) cis-1,2-Dichloroethene	4.20	96	188948	29.901	ug/L	98
34) Trichloroethene	6.16	95	1583107	270.492	ug/L	98
42) Toluene	7.61	91	175754	6.927	ug/L	100
47) Tetrachloroethene	8.21	164	15916	4.486	ug/L	93
51) Chlorobenzene	9.10	112	13636	0.857	ug/L	96

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

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