Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102219\
Data File : VU035378.D
Acq On : 22 Oct 2019 21:17
Operator : JC/SP
Sample : K5461-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G00

Quant Time: Oct 23 08:54:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 08:02:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	260462	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	259717	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	88834	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	119912	7.55	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 151.00%#			
7) Chloroethane-d5	1.93	69	100724	6.94	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 138.80%#			
11) 1,1-Dichloroethene-d2	2.59	63	155592	5.30	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 106.00%			
20) 2-Butanone-d5	4.71	46	266004	58.28	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 116.56%			
24) Chloroform-d	5.11	84	166840	5.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 115.00%			
26) 1,2-Dichloroethane-d4	5.75	65	97812	6.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 121.60%			
32) Benzene-d6	5.77	84	363615	6.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 122.40%			
36) 1,2-Dichloropropane-d6	6.74	67	120515	6.39	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 127.80%			
41) Toluene-d8	7.93	98	310907	5.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.40%			
43) trans-1,3-Dichloropropene-	8.22	79	41961	4.59	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.80%			
46) 2-Hexanone-d5	8.69	63	190992	47.32	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.64%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	92516	5.50	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.00%			
64) 1,2-Dichlorobenzene-d4	12.22	152	94850	5.86	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 117.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	509313	22.553	ug/L	100
12) 1,1-Dichloroethene	2.61	96	7941	0.475	ug/L #	1
13) Acetone	2.67	43	28044	8.834	ug/L	94
14) Carbon disulfide	2.82	76	11253	0.213	ug/L #	93
17) Methyl tert-butyl Ether	3.43	73	350069	7.773	ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	40526	2.244	ug/L	95
19) 1,1-Dichloroethane	3.92	63	87562	2.681	ug/L	100
21) 2-Butanone	4.78	43	299888	57.956	ug/L	96
22) cis-1,2-Dichloroethene	4.72	96	3011497	150.878	ug/L	97
30) Cyclohexane	5.43	56	2407	0.074	ug/L #	72
33) Benzene	5.82	78	53193	0.696	ug/L	100
34) Trichloroethene	6.58	95	1205406	58.673	ug/L	97
42) Toluene	8.01	91	19046	0.226	ug/L	99
47) Tetrachloroethene	8.58	164	15264	0.892	ug/L	93

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

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