Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101719\
Data File : VU035249.D
Acq On : 18 Oct 2019 07:14
Operator : JC/SP
Sample : K5419-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Nov 01 23:56:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 18 07:32:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	353017	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	341856	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	177487	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	155935	7.24	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 144.80%#			
7) Chloroethane-d5	1.93	69	101949	5.18	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.60%			
11) 1,1-Dichloroethene-d2	2.59	63	153013	3.84	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 76.80%			
20) 2-Butanone-d5	4.72	46	295117	47.71	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.42%			
24) Chloroform-d	5.11	84	201432	5.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.40%			
26) 1,2-Dichloroethane-d4	5.75	65	115263	5.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.80%			
32) Benzene-d6	5.77	84	412541	5.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.60%			
36) 1,2-Dichloropropane-d6	6.74	67	130547	5.26	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.20%			
41) Toluene-d8	7.93	98	395549	5.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.80%			
43) trans-1,3-Dichloropropene-	8.22	79	54730	4.54	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.80%			
46) 2-Hexanone-d5	8.68	63	272255	51.25	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.50%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	111915	5.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.20%			
64) 1,2-Dichlorobenzene-d4	12.22	152	162868	5.04	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.80%			

Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	5540360	181.009	ug/L	99
8) Chloroethane	1.95	64	65871	3.338	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	37584	1.596	ug/L	97
13) Acetone	2.70	43	135075	31.392	ug/L	79
14) Carbon disulfide	2.82	76	18222	0.254	ug/L #	93
16) Methylene chloride	3.08	84	4256	0.156	ug/L	82
18) trans-1,2-Dichloroethene	3.39	96	404952	16.545	ug/L	95
19) 1,1-Dichloroethane	3.92	63	783584	17.703	ug/L	99
21) 2-Butanone	4.80	43	209705	29.902	ug/L	96
22) cis-1,2-Dichloroethene	4.72	96	1248233	46.141	ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	27599	0.689	ug/L	98
30) Cyclohexane	5.43	56	189424	4.417	ug/L	99
33) Benzene	5.82	78	511187	5.082	ug/L	100
34) Trichloroethene	6.58	95	68123	2.519	ug/L	98
35) Methylcyclohexane	6.80	83	183135	4.052	ug/L	93
42) Toluene	8.01	91	11949551	107.620	ug/L	96
47) Tetrachloroethene	8.58	164	8536	0.379	ug/L	95

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 18 07:32:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
51) Chlorobenzene	9.48	112	63415	0.885	ug/L		98
52) Ethylbenzene	9.60	91	6325854	50.102	ug/L		100
53) m,p-Xylene	9.73	106	1609453	33.758	ug/L		98
54) o-Xylene	10.13	106	1696241	36.452	ug/L		98
56) Isopropylbenzene	10.51	105	256583	2.050	ug/L		100
63) 1,4-Dichlorobenzene	11.86	146	6669	0.112	ug/L		87
65) 1,2-Dichlorobenzene	12.24	146	5677	0.100	ug/L	#	78

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

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