Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041919\
Data File : VU031345.D
Acq On : 19 Apr 2019 08:30
Operator : JC/SP
Sample : K2451-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : YAN03

Quant Time: Apr 19 11:03:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 19 07:47:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	179943	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	184543	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	84159	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	90627	4.47	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.40%			
7) Chloroethane-d5	1.68	69	74475	4.61	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.20%			
11) 1,1-Dichloroethene-d2	2.27	63	162338	4.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.60%			
20) 2-Butanone-d5	4.20	46	205057	52.87	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.74%			
24) Chloroform-d	4.65	84	142078	5.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 112.20%			
26) 1,2-Dichloroethane-d4	5.31	65	73235	5.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.00%			
32) Benzene-d6	5.33	84	242249	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
36) 1,2-Dichloropropane-d6	6.33	67	82020	5.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.60%			
41) Toluene-d8	7.56	98	232472	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.20%			
43) trans-1,3-Dichloropropene-	7.85	79	30320	4.69	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.80%			
46) 2-Hexanone-d5	8.31	63	150725	50.36	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.72%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	77648	5.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 114.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	81284	4.95	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	76390	3.691	ug/L	98
5) Vinyl chloride	1.40	62	115444	4.046	ug/L	100
8) Chloroethane	1.70	64	234946	14.436	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	197168	10.168	ug/L	98
12) 1,1-Dichloroethene	2.28	96	44954	2.328	ug/L #	64
13) Acetone	2.34	43	612168	141.879	ug/L	98
15) Methyl Acetate	2.62	43	68661	5.822	ug/L	96
18) trans-1,2-Dichloroethene	2.98	96	59939	2.942	ug/L	94
19) 1,1-Dichloroethane	3.44	63	84384	2.968	ug/L	97
22) cis-1,2-Dichloroethene	4.22	96	65527	4.160	ug/L	82
23) Bromochloromethane	4.54	128	40950	5.833	ug/L	98
25) Chloroform	4.67	83	239371	8.546	ug/L	99
27) 1,2-Dichloroethane	5.40	62	40094	2.220	ug/L #	93
29) 1,1,1-Trichloroethane	4.91	97	47417	1.903	ug/L	95
31) Carbon tetrachloride	5.13	117	63298	2.844	ug/L	98
34) Trichloroethene	6.18	95	31979	1.889	ug/L	93
39) cis-1,3-Dichloropropene	7.27	75	100915	4.579	ug/L	99

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 19 07:47:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
40) 4-Methyl-2-pentanone	7.46	43	660135	62.257	ug/L		99
44) trans-1,3-Dichloropropene	7.88	75	42405	2.327	ug/L		98
45) 1,1,2-Trichloroethane	8.07	97	26618	2.262	ug/L		95
47) Tetrachloroethene	8.22	164	34836	2.761	ug/L		90
50) 1,2-Dibromoethane	8.59	107	62543	5.612	ug/L		97
51) Chlorobenzene	9.12	112	241634	6.111	ug/L		100
58) 1,1,2,2-Tetrachloroethane	10.45	83	29209	1.942	ug/L	#	98
61) Bromoform	9.95	173	30040	3.713	ug/L		98
62) 1,3-Dichlorobenzene	11.41	146	86232	3.116	ug/L		95
63) 1,4-Dichlorobenzene	11.50	146	56313	2.019	ug/L		98
68) 1,2,4-trichlorobenzene	13.50	180	74569	4.548	ug/L		97
70) 1,2,3-Trichlorobenzene	13.99	180	47100	2.773	ug/L		97

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

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