Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030731.D
Acq On : 05 Apr 2019 10:26
Operator : JC/SP
Sample : K2271-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB7C4

Quant Time: Apr 06 00:33:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 05 23:39:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	431467	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	418665	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	190928	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	177222	46.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.02%			
7) Chloroethane-d5	1.66	69	138567	47.40	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.80%			
11) 1,1-Dichloroethene-d2	2.27	63	378540	54.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 108.68%			
21) 2-Butanone-d5	4.17	46	311445	102.03	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.03%			
24) Chloroform-d	4.64	84	302716	51.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.90%			
26) 1,2-Dichloroethane-d4	5.30	65	201370	50.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.32%			
32) Benzene-d6	5.33	84	604452	49.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.92%			
36) 1,2-Dichloropropane-d6	6.32	67	206556	49.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.62%			
41) Toluene-d8	7.56	98	525895	48.54	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.08%			
43) trans-1,3-Dichloropropene-	7.85	79	94711	49.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.18%			
47) 2-Hexanone-d5	8.31	63	194561	101.63	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.63%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	278672	49.32	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.64%			
64) 1,2-Dichlorobenzene-d4	11.85	152	181722	48.40	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	113863	30.043	ug/L	100
3) Chloromethane	1.32	50	136980	27.942	ug/L	99
5) Vinyl chloride	1.40	62	268027	56.481	ug/L	98
6) Bromomethane	1.60	94	48387	19.681	ug/L	98
8) Chloroethane	1.68	64	74086	27.372	ug/L	99
9) Trichlorofluoromethane	1.87	101	249054	45.042	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	68755	22.254	ug/L	95
12) 1,1-Dichloroethene	2.28	96	204946	68.716	ug/L	93
16) Methylene chloride	2.69	84	147414	40.686	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	65787	20.774	ug/L	97
19) 1,1-Dichloroethane	3.44	63	426006	65.185	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	146575	41.919	ug/L	98
23) Bromochloromethane	4.54	128	70505	42.650	ug/L	98
25) Chloroform	4.67	83	370200	56.361	ug/L	100
27) 1,2-Dichloroethane	5.40	62	352242	70.263	ug/L	98
30) 1,1,1-Trichloroethane	4.91	97	107234	21.017	ug/L	98
31) Carbon tetrachloride	5.13	117	268879	61.153	ug/L	100

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Quant Title : VOC Analysis
QLast Update : Fri Apr 05 23:39:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
33) Benzene	5.38	78	637151	46.506 ug/L	100
34) Trichloroethene	6.18	95	274629	81.728 ug/L	98
37) 1,2-Dichloropropane	6.43	63	152313	39.261 ug/L	100
38) Bromodichloromethane	6.75	83	94114	20.110 ug/L	94
39) cis-1,3-Dichloropropene	7.27	75	136641	24.746 ug/L	95
44) trans-1,3-Dichloropropene	7.87	75	243817	50.104 ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	83688	25.436 ug/L	97
46) Tetrachloroethene	8.22	164	167143	68.416 ug/L	99
49) Dibromochloromethane	8.47	129	135839	38.909 ug/L	99
50) 1,2-Dibromoethane	8.58	107	104249	29.281 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	223716	37.592 ug/L	99
61) Bromoform	9.95	173	124810	49.484 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	50798	39.478 ug/L	95

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

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