Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060619\
Data File : VU032486.D
Acq On : 06 Jun 2019 10:51
Operator : JC/SP
Sample : K3213-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8G8

Quant Time: Jun 07 04:32:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 04:06:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	207471	50.00	ug/L		0.00
28) Chlorobenzene-d5	9.08	117	195586	50.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	104167	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.39	65	60373	44.85	ug/L		0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 89.70%				
7) Chloroethane-d5	1.66	69	49520	45.78	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.56%				
11) 1,1-Dichloroethene-d2	2.26	63	134679	51.10	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.20%				
21) 2-Butanone-d5	4.17	46	101592	90.19	ug/L		0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.19%				
24) Chloroform-d	4.64	84	120962	48.18	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.36%				
26) 1,2-Dichloroethane-d4	5.30	65	74889	47.35	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.70%				
32) Benzene-d6	5.33	84	241312	47.53	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.06%				
36) 1,2-Dichloropropane-d6	6.32	67	76142	47.82	ug/L		0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.64%				
41) Toluene-d8	7.56	98	226067	46.96	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.92%				
43) trans-1,3-Dichloropropene-	7.84	79	37189	48.81	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.62%				
47) 2-Hexanone-d5	8.31	63	71462	92.53	ug/L		0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.53%				
57) 1,1,2,2-Tetrachloroethane-	10.43	84	111438	48.30	ug/L		0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.60%				
64) 1,2-Dichlorobenzene-d4	11.85	152	98165	49.20	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	42216	22.571	ug/L		99
3) Chloromethane	1.32	50	43477	24.056	ug/L		100
5) Vinyl chloride	1.40	62	89610	49.634	ug/L		100
6) Bromomethane	1.60	94	18787	17.462	ug/L		98
8) Chloroethane	1.68	64	27142	25.292	ug/L		97
9) Trichlorofluoromethane	1.87	101	104910	43.033	ug/L		100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	28948	22.832	ug/L		99
12) 1,1-Dichloroethene	2.27	96	82007	66.614	ug/L	#	76
16) Methylene chloride	2.69	84	59546	42.390	ug/L		99
17) trans-1,2-Dichloroethene	2.97	96	27810	20.846	ug/L		96
19) 1,1-Dichloroethane	3.43	63	158197	65.049	ug/L		98
20) cis-1,2-Dichloroethene	4.21	96	62873	41.644	ug/L		99
23) Bromochloromethane	4.54	128	32631	41.567	ug/L		96
25) Chloroform	4.66	83	145673	58.045	ug/L		96
27) 1,2-Dichloroethane	5.40	62	139053	70.088	ug/L		100
30) 1,1,1-Trichloroethane	4.90	97	46525	21.013	ug/L		99
31) Carbon tetrachloride	5.12	117	126139	62.159	ug/L		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) Benzene	5.38	78	254333	46.282	ug/L	100
34) Trichloroethene	6.18	95	120651	80.699	ug/L	99
37) 1,2-Dichloropropane	6.42	63	58272	40.002	ug/L	100
38) Bromodichloromethane	6.75	83	37072	19.764	ug/L	98
39) cis-1,3-Dichloropropene	7.26	75	55864	24.305	ug/L	98
44) trans-1,3-Dichloropropene	7.87	75	102332	50.162	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	35441	25.727	ug/L	97
46) Tetrachloroethene	8.22	164	90912	73.624	ug/L	99
49) Dibromochloromethane	8.47	129	64614	40.354	ug/L	99
50) 1,2-Dibromoethane	8.58	107	46417	29.936	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.45	83	90590	38.477	ug/L	99
61) Bromoform	9.95	173	64674	52.075	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	21602	40.297	ug/L	99

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

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