Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060819\
Data File : VU032546.D
Acq On : 08 Jun 2019 16:39
Operator : JC/SP
Sample : K3276-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8D9

Quant Time: Jun 08 23:43:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 08 23:12:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	211036	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	199292	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	107599	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	52129	38.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.14%			
7) Chloroethane-d5	1.66	69	45922	41.74	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.48%			
11) 1,1-Dichloroethene-d2	2.26	63	127598	47.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.20%			
21) 2-Butanone-d5	4.17	46	107392	93.73	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 93.73%			
24) Chloroform-d	4.64	84	119780	46.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.82%			
26) 1,2-Dichloroethane-d4	5.30	65	76109	47.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.62%			
32) Benzene-d6	5.33	84	229676	44.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.78%			
36) 1,2-Dichloropropane-d6	6.32	67	75373	46.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.92%			
41) Toluene-d8	7.56	98	215270	43.88	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.76%			
43) trans-1,3-Dichloropropene-	7.85	79	37290	48.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.06%			
47) 2-Hexanone-d5	8.31	63	75985	96.56	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.56%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	112000	47.65	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.30%			
64) 1,2-Dichlorobenzene-d4	11.85	152	96846	46.99	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.98%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	46459	24.419	ug/L	100
3) Chloromethane	1.32	50	43160	23.477	ug/L	100
5) Vinyl chloride	1.40	62	93277	50.793	ug/L	98
6) Bromomethane	1.60	94	16657	15.221	ug/L	98
8) Chloroethane	1.68	64	27501	25.194	ug/L	99
9) Trichlorofluoromethane	1.87	101	109842	44.295	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	30612	23.736	ug/L	99
12) 1,1-Dichloroethene	2.27	96	86308	68.923	ug/L #	74
16) Methylene chloride	2.69	84	62281	43.588	ug/L	97
17) trans-1,2-Dichloroethene	2.97	96	29542	21.771	ug/L	98
19) 1,1-Dichloroethane	3.43	63	165469	66.890	ug/L	99
20) cis-1,2-Dichloroethene	4.21	96	64475	41.984	ug/L	95
23) Bromochloromethane	4.54	128	33476	41.923	ug/L	98
25) Chloroform	4.66	83	151967	59.530	ug/L	97
27) 1,2-Dichloroethane	5.40	62	145274	71.987	ug/L	98
30) 1,1,1-Trichloroethane	4.90	97	48747	21.607	ug/L	99
31) Carbon tetrachloride	5.13	117	130077	62.907	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) Benzene	5.38	78	265622	47.437	ug/L	100
34) Trichloroethene	6.18	95	125893	82.639	ug/L	98
37) 1,2-Dichloropropane	6.42	63	61445	41.395	ug/L	100
38) Bromodichloromethane	6.75	83	39327	20.576	ug/L	97
39) cis-1,3-Dichloropropene	7.26	75	58787	25.102	ug/L	96
44) trans-1,3-Dichloropropene	7.87	75	107713	51.817	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	37415	26.655	ug/L	99
46) Tetrachloroethene	8.22	164	93831	74.575	ug/L	98
49) Dibromochloromethane	8.47	129	67027	41.083	ug/L	100
50) 1,2-Dibromoethane	8.58	107	47826	30.271	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	93791	39.095	ug/L	99
61) Bromoform	9.95	173	66969	52.203	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	23038	41.605	ug/L	94

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

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