Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072018\
Data File : VU025536.D
Acq On : 20 Jul 2018 13:00
Operator : MD/SY
Sample : J4039-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB1J0

Quant Time: Jul 21 01:30:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 21 01:28:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	339082	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	310028	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	155920	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	91280	47.15	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.30%			
7) Chloroethane-d5	1.67	69	74589	46.71	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.42%			
11) 1,1-Dichloroethene-d2	2.27	63	208394	51.71	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.42%			
21) 2-Butanone-d5	4.17	46	143057	95.72	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.72%			
24) Chloroform-d	4.65	84	206306	47.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.70%			
26) 1,2-Dichloroethane-d4	5.31	65	134231	47.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.14%			
32) Benzene-d6	5.35	84	384218	48.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.64%			
36) 1,2-Dichloropropane-d6	6.33	67	123719	48.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.58%			
41) Toluene-d8	7.57	98	368839	48.37	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.74%			
43) trans-1,3-Dichloropropene-	7.85	79	63244	48.33	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.66%			
47) 2-Hexanone-d5	8.31	63	109782	102.34	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.34%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	174018	48.56	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.12%			
64) 1,2-Dichlorobenzene-d4	11.86	152	153997	48.73	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.46%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	69335	20.75	ug/L	100
3) Chloromethane	1.33	50	59092	24.49	ug/L	100
5) Vinyl chloride	1.40	62	127783	48.29	ug/L	100
6) Bromomethane	1.61	94	16884	18.35	ug/L	96
8) Chloroethane	1.69	64	39114	25.10	ug/L	96
9) Trichlorofluoromethane	1.88	101	153914	40.84	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	44918	21.28	ug/L	99
12) 1,1-Dichloroethene	2.28	96	124790	65.21	ug/L	93
16) Methylene chloride	2.70	84	96562	40.51	ug/L	96
17) trans-1,2-Dichloroethene	2.98	96	43885	19.92	ug/L	99
19) 1,1-Dichloroethane	3.45	63	254558	60.74	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	96888	38.96	ug/L	95
23) Bromochloromethane	4.55	128	53113	40.46	ug/L	97
25) Chloroform	4.68	83	240313	54.49	ug/L	97
27) 1,2-Dichloroethane	5.41	62	238538	66.31	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	78927	20.34	ug/L	98
31) Carbon tetrachloride	5.14	117	208167	58.03	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) Benzene	5.39	78	399207	44.81	ug/L	100
34) Trichloroethene	6.19	95	185501	78.48	ug/L	98
37) 1,2-Dichloropropane	6.44	63	92236	37.89	ug/L	100
38) Bromodichloromethane	6.76	83	62380	19.44	ug/L	95
39) cis-1,3-Dichloropropene	7.27	75	89945	23.81	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	168265	47.24	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	56695	24.28	ug/L	97
46) Tetrachloroethene	8.23	164	139342	68.00	ug/L	100
49) Dibromochloromethane	8.48	129	104028	37.98	ug/L	99
50) 1,2-Dibromoethane	8.59	107	73278	29.13	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	140384	37.27	ug/L	100
61) Bromoform	9.96	173	99727	49.45	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	32399	39.87	ug/L	98

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

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