Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071219\
Data File : VU033217.D
Acq On : 12 Jul 2019 13:19
Operator : JC/SP
Sample : K3724-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8S8

Quant Time: Jul 13 00:29:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 13 00:05:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	326131	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	322444	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	160537	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	112500	45.57	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.14%			
7) Chloroethane-d5	1.65	69	97168	46.07	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.14%			
11) 1,1-Dichloroethene-d2	2.25	63	227985	50.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.82%			
21) 2-Butanone-d5	4.15	46	134700	86.11	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 86.11%			
24) Chloroform-d	4.62	84	195581	47.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.54%			
26) 1,2-Dichloroethane-d4	5.28	65	124114	46.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.54%			
32) Benzene-d6	5.31	84	383753	48.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.02%			
36) 1,2-Dichloropropane-d6	6.31	67	123830	48.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.74%			
41) Toluene-d8	7.55	98	362848	48.64	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.28%			
43) trans-1,3-Dichloropropene-	7.83	79	60987	49.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.16%			
47) 2-Hexanone-d5	8.30	63	120184	105.21	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.21%			
57) 1,1,2,2-Tetrachloroethane-	10.42	84	187162	48.80	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.60%			
64) 1,2-Dichlorobenzene-d4	11.85	152	141196	49.32	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.64%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	70242	21.734	ug/L	97
3) Chloromethane	1.32	50	72893	22.893	ug/L	98
5) Vinyl chloride	1.39	62	175357	47.649	ug/L	100
6) Bromomethane	1.59	94	62465	27.226	ug/L	99
8) Chloroethane	1.67	64	56199	25.247	ug/L	99
9) Trichlorofluoromethane	1.86	101	199165	41.156	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	49143	22.088	ug/L	98
12) 1,1-Dichloroethene	2.26	96	138099	63.441	ug/L	90
16) Methylene chloride	2.68	84	100615	40.483	ug/L	97
17) trans-1,2-Dichloroethene	2.96	96	44047	19.578	ug/L	98
19) 1,1-Dichloroethane	3.42	63	269491	62.316	ug/L	99
20) cis-1,2-Dichloroethene	4.20	96	101493	39.995	ug/L	98
23) Bromochloromethane	4.52	128	51708	39.792	ug/L	98
25) Chloroform	4.64	83	252569	54.913	ug/L	99
27) 1,2-Dichloroethane	5.38	62	237999	66.824	ug/L	100
30) 1,1,1-Trichloroethane	4.89	97	75272	20.010	ug/L	99
31) Carbon tetrachloride	5.11	117	199299	60.540	ug/L	99

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Quant Title : VOC Analysis
QLast Update : Sat Jul 13 00:05:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
33) Benzene	5.36	78	433621	46.114 ug/L	100
34) Trichloroethene	6.16	95	197497	80.309 ug/L	98
37) 1,2-Dichloropropane	6.41	63	97971	38.418 ug/L	100
38) Bromodichloromethane	6.74	83	65159	19.808 ug/L	98
39) cis-1,3-Dichloropropene	7.25	75	96377	24.649 ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	179801	50.990 ug/L	99
45) 1,1,2-Trichloroethane	8.05	97	60751	25.189 ug/L	98
46) Tetrachloroethene	8.21	164	134973	70.898 ug/L	98
49) Dibromochloromethane	8.46	129	102422	38.069 ug/L	99
50) 1,2-Dibromoethane	8.57	107	76102	28.940 ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.44	83	160084	37.787 ug/L	100
61) Bromoform	9.94	173	97501	49.729 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.64	75	37298	38.559 ug/L	96

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

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