Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030419\
Data File : VU029780.D
Acq On : 04 Mar 2019 13:14
Operator : JC/SP
Sample : K1657-24
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB636

Quant Time: Mar 05 01:01:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 05 00:37:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	453992	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	448182	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	240150	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	129000	38.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 77.56%			
7) Chloroethane-d5	1.66	69	114069	38.57	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 77.14%			
11) 1,1-Dichloroethene-d2	2.27	63	293174	45.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.16%			
21) 2-Butanone-d5	4.17	46	222157	109.74	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.74%			
24) Chloroform-d	4.64	84	275760	51.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.22%			
26) 1,2-Dichloroethane-d4	5.30	65	162307	47.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.02%			
32) Benzene-d6	5.33	84	559010	49.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.14%			
36) 1,2-Dichloropropane-d6	6.32	67	175212	51.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.28%			
41) Toluene-d8	7.56	98	525351	45.65	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.30%			
43) trans-1,3-Dichloropropene-	7.85	79	84162	46.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.52%			
47) 2-Hexanone-d5	8.31	63	199317	105.49	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.49%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	297017	51.81	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.62%			
64) 1,2-Dichlorobenzene-d4	11.86	152	239810	46.34	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.68%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	101739	32.683	ug/L	98
3) Chloromethane	1.32	50	89323	32.709	ug/L	99
5) Vinyl chloride	1.40	62	212844	57.391	ug/L	99
6) Bromomethane	1.60	94	41817	24.706	ug/L	98
8) Chloroethane	1.68	64	64144	26.004	ug/L	99
9) Trichlorofluoromethane	1.87	101	240678	40.710	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	72677	22.982	ug/L	96
12) 1,1-Dichloroethene	2.28	96	204213	67.926	ug/L #	78
16) Methylene chloride	2.69	84	150232	51.641	ug/L	97
17) trans-1,2-Dichloroethene	2.97	96	67081	24.174	ug/L	98
19) 1,1-Dichloroethane	3.44	63	359086	74.838	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	149555	46.384	ug/L	99
23) Bromochloromethane	4.54	128	80842	45.737	ug/L	94
25) Chloroform	4.67	83	350032	65.385	ug/L	99
27) 1,2-Dichloroethane	5.40	62	302539	73.504	ug/L	97
30) 1,1,1-Trichloroethane	4.91	97	101392	21.336	ug/L	98
31) Carbon tetrachloride	5.13	117	269448	62.646	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) Benzene	5.38	78	598472	52.083	ug/L	100
34) Trichloroethene	6.18	95	284437	91.888	ug/L	97
37) 1,2-Dichloropropane	6.43	63	132914	44.064	ug/L	100
38) Bromodichloromethane	6.75	83	88148	21.677	ug/L	96
39) cis-1,3-Dichloropropene	7.27	75	132071	27.138	ug/L	98
44) trans-1,3-Dichloropropene	7.87	75	231506	50.476	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	90140	28.037	ug/L	99
46) Tetrachloroethene	8.22	164	218175	72.010	ug/L	99
49) Dibromochloromethane	8.47	129	155124	39.799	ug/L	100
50) 1,2-Dibromoethane	8.58	107	113755	31.935	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.45	83	235172	41.365	ug/L	99
61) Bromoform	9.95	173	162849	50.355	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	51018	41.018	ug/L	97

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

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