Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081518\
Data File : VW004675.D
Acq On : 14 Aug 2018 18:41
Operator : SY/AP
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02594

Quant Time: Aug 15 08:52:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081418S.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 14 12:36:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	939190	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	911430	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	472839	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	342972	22.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.88%			
7) Chloroethane-d5	2.89	69	272760	23.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.52%			
10) 1,1-Dichloroethene-d2	4.01	63	651528	23.86	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 95.44%			
20) 2-Butanone-d5	7.09	46	221281	54.78	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.56%			
24) Chloroform-d	7.65	84	613144	24.36	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.44%			
26) 1,2-Dichloroethane-d4	8.31	65	338205	25.36	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.44%			
29) Benzene-d6	8.27	84	1266336	24.77	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.08%			
33) 1,2-Dichloropropane-d6	9.28	67	388350	24.46	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.84%			
37) Toluene-d8	10.33	98	1145567	24.98	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.92%			
38) trans-1,3-Dichloropropene-	10.58	79	158951	24.66	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.64%			
39) 2-Hexanone-d5	10.93	63	183649	57.88	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 115.76%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	390547	26.22	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.88%			
61) 1,2-Dichlorobenzene-d4	13.86	152	432319	24.10	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.40%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	278671	24.80	ug/L	96
3) Chloromethane	2.22	50	306579	23.00	ug/L	98
5) Vinyl chloride	2.37	62	463379	23.95	ug/L	100
6) Bromomethane	2.78	94	260623	23.51	ug/L	100
8) Chloroethane	2.93	64	259118	23.88	ug/L	99
9) Trichlorofluoromethane	3.26	101	233474	23.95	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	361250	25.22	ug/L	98
12) 1,1-Dichloroethene	4.03	96	342773	24.37	ug/L	94
13) Acetone	4.13	43	213226	57.53	ug/L	97
14) Carbon disulfide	4.38	76	1177945	24.02	ug/L	100
15) Methyl Acetate	4.67	43	218409	27.27	ug/L	99
16) Methylene chloride	4.92	84	398117	21.22	ug/L	99
17) Methyl tert-butyl Ether	5.43	73	462046	25.16	ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	354463	24.55	ug/L	96
19) 1,1-Dichloroethane	6.22	63	637666	24.96	ug/L	99
21) 2-Butanone	7.18	43	298872	57.66	ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	378792	24.86	ug/L	99

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
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Quant Title : VOC Analysis
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	178045	25.05	ug/L	98
25) Chloroform	7.68	83	635370	24.99	ug/L	99
27) 1,2-Dichloroethane	8.40	62	422602	25.71	ug/L	99
30) Cyclohexane	7.96	56	611372	25.67	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	506979	24.86	ug/L	100
32) Carbon tetrachloride	8.07	117	485882	25.05	ug/L	100
34) Benzene	8.33	78	1467465	25.29	ug/L	100
35) Trichloroethene	9.09	95	358791	24.57	ug/L	99
36) Methylcyclohexane	9.34	83	700910	25.73	ug/L	99
40) 1,2-Dichloropropane	9.37	63	373266	25.36	ug/L	99
41) Bromodichloromethane	9.65	83	434672	25.27	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	520892	25.42	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	563961	57.86	ug/L	100
44) Toluene	10.39	91	1520682	25.88	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	468623	25.94	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	283571	25.49	ug/L	99
47) Tetrachloroethene	10.87	164	300038	24.77	ug/L	99
49) 2-Hexanone	10.98	43	441959	62.25	ug/L	100
50) Dibromochloromethane	11.13	129	318370	25.44	ug/L	99
51) 1,2-Dibromoethane	11.24	107	277351	25.86	ug/L	97
52) Chlorobenzene	11.66	112	971327	24.76	ug/L	100
53) Ethylbenzene	11.74	91	1700265	25.98	ug/L	99
54) m,p-Xylene	11.85	106	653469	26.28	ug/L	98
55) o-xylene	12.17	106	616005	26.21	ug/L	99
56) Styrene	12.19	104	1093465	27.12	ug/L	100
57) Isopropylbenzene	12.47	105	1687767	26.51	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	411566	26.82	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	306747	27.15	ug/L	99
62) Bromoform	12.35	173	209493	25.78	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	752427	24.81	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	795331	24.55	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	749603	25.06	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	67956	26.96	ug/L	95
67) 1,3,5-Trichlorobenzene	14.64	180	617637	25.32	ug/L	100
68) 1,2,4-trichlorobenzene	15.15	180	503749	25.49	ug/L	99
69) Naphthalene	15.38	128	1132795	27.85	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	497779	26.39	ug/L	99

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

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