Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062618\
Data File : VW003576.D
Acq On : 26 Jun 2018 17:01
Operator : SY/AP
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02583

Quant Time: Jun 27 01:59:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 27 01:37:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	335790	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	317698	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	168640	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	80149	17.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 70.40%			
7) Chloroethane-d5	2.89	69	71274	18.76	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.04%			
10) 1,1-Dichloroethene-d2	4.01	63	186822	20.66	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 82.64%			
20) 2-Butanone-d5	7.09	46	63120	43.99	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.98%			
24) Chloroform-d	7.65	84	201287	22.79	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.16%			
26) 1,2-Dichloroethane-d4	8.31	65	113991	21.72	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 86.88%			
29) Benzene-d6	8.28	84	361893	21.47	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 85.88%			
33) 1,2-Dichloropropane-d6	9.28	67	120110	22.51	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 90.04%			
37) Toluene-d8	10.33	98	340986	21.16	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 84.64%			
38) trans-1,3-Dichloropropene-	10.58	79	51561	20.58	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.32%			
39) 2-Hexanone-d5	10.93	63	48264	44.25	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.50%			
48) 1,1,2,2-Tetrachloroethane-	12.70	84	113901	22.94	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.76%			
61) 1,2-Dichlorobenzene-d4	13.86	152	137252	21.55	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 86.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	63858	34.62	ug/L #	83
3) Chloromethane	2.21	50	99229	25.04	ug/L	98
5) Vinyl chloride	2.36	62	141206	24.63	ug/L	100
6) Bromomethane	2.78	94	79885	23.94	ug/L	100
8) Chloroethane	2.92	64	82759	23.69	ug/L	97
9) Trichlorofluoromethane	3.25	101	87526	26.61	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	115025	25.90	ug/L	99
12) 1,1-Dichloroethene	4.03	96	106456	25.36	ug/L	95
13) Acetone	4.14	43	64862	42.40	ug/L	98
14) Carbon disulfide	4.37	76	325495	24.04	ug/L	100
15) Methyl Acetate	4.68	43	55572	22.17	ug/L	99
16) Methylene chloride	4.91	84	124823	26.98	ug/L	96
17) Methyl tert-butyl Ether	5.43	73	205860	26.58	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	112776	25.79	ug/L	95
19) 1,1-Dichloroethane	6.21	63	217197	26.61	ug/L	98
21) 2-Butanone	7.18	43	76640	42.64	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	124120	26.70	ug/L	98

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Quant Title : VOC Analysis
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	56054	26.07	ug/L	99
25) Chloroform	7.68	83	227344	27.09	ug/L	99
27) 1,2-Dichloroethane	8.40	62	159461	26.24	ug/L	99
30) Cyclohexane	7.96	56	198146	27.01	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	185080	26.52	ug/L	99
32) Carbon tetrachloride	8.07	117	176641	26.20	ug/L	100
34) Benzene	8.32	78	485308	26.79	ug/L	100
35) Trichloroethene	9.09	95	126339	25.87	ug/L	100
36) Methylcyclohexane	9.34	83	222953	26.75	ug/L	100
40) 1,2-Dichloropropane	9.37	63	130283	27.33	ug/L	100
41) Bromodichloromethane	9.65	83	164092	26.78	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	191327	26.89	ug/L	99
43) 4-Methyl-2-pentanone	10.22	43	161200	47.33	ug/L	99
44) Toluene	10.39	91	532375	27.10	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	173151	26.89	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	92388	25.96	ug/L	96
47) Tetrachloroethene	10.87	164	104927	25.57	ug/L	96
49) 2-Hexanone	10.98	43	119911	47.24	ug/L	99
50) Dibromochloromethane	11.13	129	113529	26.20	ug/L	99
51) 1,2-Dibromoethane	11.24	107	89373	25.27	ug/L	97
52) Chlorobenzene	11.66	112	342817	26.87	ug/L	99
53) Ethylbenzene	11.74	91	613773	27.85	ug/L	98
54) m,p-Xylene	11.85	106	228621	27.93	ug/L	97
55) o-xylene	12.17	106	219315	28.17	ug/L	97
56) Styrene	12.19	104	379990	28.27	ug/L	99
57) Isopropylbenzene	12.47	105	610454	28.26	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	117710	25.09	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	86402	24.03	ug/L	100
62) Bromoform	12.35	173	67047	23.62	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	271183	26.15	ug/L	98
64) 1,4-Dichlorobenzene	13.59	146	282682	26.00	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	257411	26.00	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	18761	21.59	ug/L	92
67) 1,3,5-Trichlorobenzene	14.64	180	216233	26.84	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	174687	26.63	ug/L	99
69) Naphthalene	15.38	128	311945	25.42	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	163191	27.15	ug/L	100

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

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