Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081818\
Data File : VW004726.D
Acq On : 16 Aug 2018 10:29
Operator : SY/AP
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02598

Quant Time: Aug 16 18:26:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081418S.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 16 02:39:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	805321	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	779451	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	400247	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	293833	22.95	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.80%			
7) Chloroethane-d5	2.90	69	236088	23.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.44%			
10) 1,1-Dichloroethene-d2	4.01	63	552989	23.62	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 94.48%			
20) 2-Butanone-d5	7.09	46	216878	62.62	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 125.24%			
24) Chloroform-d	7.65	84	525294	24.34	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.36%			
26) 1,2-Dichloroethane-d4	8.31	65	282991	24.75	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.00%			
29) Benzene-d6	8.27	84	1061493	24.28	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.12%			
33) 1,2-Dichloropropane-d6	9.27	67	323605	23.83	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.32%			
37) Toluene-d8	10.33	98	971855	24.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.12%			
38) trans-1,3-Dichloropropene-	10.58	79	138670	25.15	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.60%			
39) 2-Hexanone-d5	10.93	63	177446	65.39	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 130.78%			
48) 1,1,2,2-Tetrachloroethane-	12.70	84	353509	27.75	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 111.00%			
61) 1,2-Dichlorobenzene-d4	13.86	152	371433	24.46	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.84%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	226438	23.50	ug/L	95
3) Chloromethane	2.21	50	251322	21.99	ug/L	98
5) Vinyl chloride	2.37	62	417015	25.14	ug/L	97
6) Bromomethane	2.79	94	230028	24.20	ug/L	100
8) Chloroethane	2.93	64	229467	24.66	ug/L	96
9) Trichlorofluoromethane	3.26	101	200909	24.04	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	316910	25.80	ug/L	99
12) 1,1-Dichloroethene	4.03	96	305445	25.33	ug/L	95
13) Acetone	4.14	43	197671	62.20	ug/L	97
14) Carbon disulfide	4.37	76	1026378	24.41	ug/L	98
15) Methyl Acetate	4.67	43	196135	28.56	ug/L	99
16) Methylene chloride	4.92	84	328777	20.44	ug/L	96
17) Methyl tert-butyl Ether	5.43	73	401432	25.49	ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	304415	24.58	ug/L	96
19) 1,1-Dichloroethane	6.21	63	542555	24.77	ug/L	98
21) 2-Butanone	7.18	43	269051	60.53	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	327299	25.06	ug/L	98

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Instrument : MSVOA_W
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Quant Title : VOC Analysis
QLast Update : Thu Aug 16 02:39:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	151805	24.91	ug/L	98
25) Chloroform	7.68	83	540169	24.78	ug/L	100
27) 1,2-Dichloroethane	8.40	62	353259	25.06	ug/L	99
30) Cyclohexane	7.96	56	533231	26.18	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	440161	25.24	ug/L	100
32) Carbon tetrachloride	8.07	117	416064	25.08	ug/L	99
34) Benzene	8.33	78	1256300	25.32	ug/L	100
35) Trichloroethene	9.09	95	307960	24.66	ug/L	99
36) Methylcyclohexane	9.34	83	598059	25.67	ug/L	98
40) 1,2-Dichloropropane	9.37	63	318845	25.33	ug/L	100
41) Bromodichloromethane	9.65	83	365872	24.87	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	449477	25.65	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	500626	60.06	ug/L	100
44) Toluene	10.39	91	1322004	26.31	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	403289	26.10	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	250288	26.30	ug/L	99
47) Tetrachloroethene	10.87	164	261383	25.23	ug/L	100
49) 2-Hexanone	10.98	43	394916	65.05	ug/L	99
50) Dibromochloromethane	11.13	129	276416	25.83	ug/L	98
51) 1,2-Dibromoethane	11.24	107	246037	26.82	ug/L	98
52) Chlorobenzene	11.66	112	849082	25.31	ug/L	100
53) Ethylbenzene	11.74	91	1463587	26.15	ug/L	100
54) m,p-Xylene	11.85	106	560877	26.37	ug/L	100
55) o-xylene	12.17	106	528294	26.28	ug/L	99
56) Styrene	12.19	104	935931	27.15	ug/L	100
57) Isopropylbenzene	12.47	105	1471696	27.03	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	363389	27.69	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	267598	27.70	ug/L	99
62) Bromoform	12.35	173	183921	26.73	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	644182	25.09	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	687225	25.06	ug/L	100
65) 1,2-Dichlorobenzene	13.88	146	638343	25.21	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	61219	28.69	ug/L	97
67) 1,3,5-Trichlorobenzene	14.64	180	521783	25.27	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	428063	25.59	ug/L	99
69) Naphthalene	15.38	128	984155	28.58	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	420965	26.36	ug/L	99

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

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