Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082718\
Data File : VW004973.D
Acq On : 27 Aug 2018 19:16
Operator : SY/AP
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02584

Quant Time: Aug 28 02:27:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 28 01:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	605156	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	621594	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	336959	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	215814	18.87	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.48%			
7) Chloroethane-d5	2.89	69	168410	19.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.44%			
10) 1,1-Dichloroethene-d2	4.03	63	311704	21.34	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 85.36%			
20) 2-Butanone-d5	7.09	46	125447	53.89	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.78%			
24) Chloroform-d	7.65	84	301226	22.42	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 89.68%			
26) 1,2-Dichloroethane-d4	8.31	65	172857	23.68	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.72%			
29) Benzene-d6	8.28	84	763468	23.88	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.52%			
33) 1,2-Dichloropropane-d6	9.28	67	224561	23.90	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.60%			
37) Toluene-d8	10.33	98	795948	23.50	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.00%			
38) trans-1,3-Dichloropropene-	10.59	79	96459	23.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.44%			
39) 2-Hexanone-d5	10.93	63	134029	57.59	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 115.18%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	245694	26.03	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.12%			
61) 1,2-Dichlorobenzene-d4	13.86	152	325725	24.06	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.24%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	250897	22.04	ug/L	100
3) Chloromethane	2.22	50	271762	21.07	ug/L	98
5) Vinyl chloride	2.36	62	281881	21.57	ug/L	100
6) Bromomethane	2.78	94	160402	23.43	ug/L	99
8) Chloroethane	2.92	64	156697	21.46	ug/L	99
9) Trichlorofluoromethane	3.26	101	309535	23.41	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	187996	23.77	ug/L	97
12) 1,1-Dichloroethene	4.04	96	164910	23.41	ug/L	95
13) Acetone	4.15	43	83201	46.14	ug/L	98
14) Carbon disulfide	4.39	76	654630	22.42	ug/L	99
15) Methyl Acetate	4.68	43	100277	24.59	ug/L	97
16) Methylene chloride	4.92	84	244008	20.79	ug/L	96
17) Methyl tert-butyl Ether	5.43	73	388692	25.54	ug/L	100
18) trans-1,2-Dichloroethene	5.43	96	174106	23.73	ug/L	98
19) 1,1-Dichloroethane	6.22	63	311464	23.26	ug/L	96
21) 2-Butanone	7.18	43	135330	48.74	ug/L	98
22) cis-1,2-Dichloroethene	7.18	96	189119	23.89	ug/L	96

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02584

Quant Time: Aug 28 02:27:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 28 01:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	100411	24.02	ug/L	94
25) Chloroform	7.68	83	322206	24.01	ug/L	99
27) 1,2-Dichloroethane	8.41	62	207667	23.60	ug/L	99
30) Cyclohexane	7.96	56	321039	24.26	ug/L	97
31) 1,1,1-Trichloroethane	7.88	97	295644	24.69	ug/L	98
32) Carbon tetrachloride	8.07	117	268371	25.06	ug/L	97
34) Benzene	8.33	78	845140	23.85	ug/L	100
35) Trichloroethene	9.10	95	207147	23.50	ug/L	98
36) Methylcyclohexane	9.34	83	367668	22.55	ug/L	99
40) 1,2-Dichloropropane	9.37	63	209324	24.01	ug/L	99
41) Bromodichloromethane	9.65	83	233389	24.29	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	291106	24.05	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	325626	50.59	ug/L	98
44) Toluene	10.39	91	1016778	23.89	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	261778	23.85	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	164748	24.21	ug/L	98
47) Tetrachloroethene	10.87	164	207790	24.08	ug/L	97
49) 2-Hexanone	10.98	43	265365	53.35	ug/L	98
50) Dibromochloromethane	11.13	129	187435	24.81	ug/L	98
51) 1,2-Dibromoethane	11.24	107	162111	24.27	ug/L	98
52) Chlorobenzene	11.66	112	663336	23.46	ug/L	98
53) Ethylbenzene	11.74	91	1139341	23.79	ug/L	100
54) m,p-Xylene	11.85	106	451739	24.31	ug/L	97
55) o-xylene	12.17	106	427012	24.60	ug/L	100
56) Styrene	12.19	104	747286	25.05	ug/L	99
57) Isopropylbenzene	12.47	105	1141198	24.61	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	242301	24.98	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	185382	24.81	ug/L	99
62) Bromoform	12.35	173	128276	24.01	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	537028	23.13	ug/L	96
64) 1,4-Dichlorobenzene	13.59	146	564372	23.22	ug/L	96
65) 1,2-Dichlorobenzene	13.88	146	530589	23.85	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	44283	23.48	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	439990	23.69	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	359240	23.95	ug/L	100
69) Naphthalene	15.38	128	789743	25.90	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	358440	25.37	ug/L	100

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

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