Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081518\
Data File : VW004686.D
Acq On : 15 Aug 2018 01:37
Operator : SY/AP
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02595

Quant Time: Aug 16 02:19:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081418S.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 16 01:09:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	1125745	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1098019	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	557525	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	385460	21.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.16%			
7) Chloroethane-d5	2.89	69	316951	22.91	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.64%			
10) 1,1-Dichloroethene-d2	4.02	63	746578	22.81	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 91.24%			
20) 2-Butanone-d5	7.09	46	232706	48.06	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 96.12%			
24) Chloroform-d	7.65	84	744542	24.68	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.72%			
26) 1,2-Dichloroethane-d4	8.31	65	394937	24.71	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.84%			
29) Benzene-d6	8.28	84	1516502	24.63	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.52%			
33) 1,2-Dichloropropane-d6	9.28	67	479017	25.04	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.16%			
37) Toluene-d8	10.33	98	1355288	24.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.12%			
38) trans-1,3-Dichloropropene-	10.58	79	191614	24.67	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.68%			
39) 2-Hexanone-d5	10.93	63	187706	49.11	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 98.22%			
48) 1,1,2,2-Tetrachloroethane-	12.70	84	424107	23.64	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 94.56%			
61) 1,2-Dichlorobenzene-d4	13.86	152	527338	24.93	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.72%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	314166	23.33	ug/L	95
3) Chloromethane	2.21	50	360340	22.56	ug/L	99
5) Vinyl chloride	2.37	62	526412	22.70	ug/L	98
6) Bromomethane	2.79	94	313221	23.57	ug/L	99
8) Chloroethane	2.93	64	303672	23.35	ug/L	97
9) Trichlorofluoromethane	3.26	101	230117	19.70	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	409178	23.83	ug/L	96
12) 1,1-Dichloroethene	4.04	96	400138	23.74	ug/L	97
13) Acetone	4.14	43	184941	41.63	ug/L	97
14) Carbon disulfide	4.38	76	1339241	22.79	ug/L	99
15) Methyl Acetate	4.67	43	229447	23.90	ug/L	99
16) Methylene chloride	4.92	84	488902	21.74	ug/L	99
17) Methyl tert-butyl Ether	5.43	73	587528	26.69	ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	423392	24.46	ug/L	96
19) 1,1-Dichloroethane	6.22	63	772832	25.24	ug/L	97
21) 2-Butanone	7.18	43	290537	46.76	ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	471741	25.83	ug/L	99

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Instrument : MSVOA_W
ClientSampleId : VSTD02595

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081418S.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 16 01:09:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	214949	25.23	ug/L	98
25) Chloroform	7.68	83	772146	25.34	ug/L	99
27) 1,2-Dichloroethane	8.40	62	502328	25.50	ug/L	99
30) Cyclohexane	7.96	56	719957	25.09	ug/L	100
31) 1,1,1-Trichloroethane	7.88	97	601115	24.47	ug/L	99
32) Carbon tetrachloride	8.07	117	546382	23.38	ug/L	100
34) Benzene	8.33	78	1771264	25.34	ug/L	100
35) Trichloroethene	9.10	95	433273	24.63	ug/L	99
36) Methylcyclohexane	9.34	83	808815	24.64	ug/L	100
40) 1,2-Dichloropropane	9.37	63	455230	25.67	ug/L	100
41) Bromodichloromethane	9.65	83	523296	25.25	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	640640	25.95	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	583620	49.70	ug/L	99
44) Toluene	10.39	91	1819267	25.71	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	561961	25.82	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	339048	25.29	ug/L	99
47) Tetrachloroethene	10.87	164	346680	23.76	ug/L	98
49) 2-Hexanone	10.98	43	418286	48.91	ug/L	99
50) Dibromochloromethane	11.13	129	376445	24.97	ug/L	99
51) 1,2-Dibromoethane	11.24	107	325853	25.22	ug/L	95
52) Chlorobenzene	11.66	112	1196908	25.33	ug/L	99
53) Ethylbenzene	11.74	91	2050035	26.00	ug/L	100
54) m,p-Xylene	11.85	106	784658	26.19	ug/L	98
55) o-xylene	12.17	106	761409	26.89	ug/L	99
56) Styrene	12.19	104	1323853	27.26	ug/L	100
57) Isopropylbenzene	12.47	105	2024143	26.39	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	446687	24.17	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	327990	24.10	ug/L	100
62) Bromoform	12.35	173	233498	24.37	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	936668	26.19	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	964360	25.25	ug/L	100
65) 1,2-Dichlorobenzene	13.88	146	909593	25.79	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	69782	23.48	ug/L	95
67) 1,3,5-Trichlorobenzene	14.64	180	734001	25.52	ug/L	100
68) 1,2,4-trichlorobenzene	15.15	180	615670	26.42	ug/L	99
69) Naphthalene	15.38	128	1346322	28.07	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	594368	26.72	ug/L	99

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

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