Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061819\
Data File : VW010839.D
Acq On : 18 Jun 2019 09:54
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02523

Quant Time: Jun 19 04:48:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM061119S.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 18 05:48:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	380346	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	341969	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	164898	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	126464	22.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.32%			
7) Chloroethane-d5	2.88	69	99017	23.57	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.28%			
10) 1,1-Dichloroethene-d2	4.01	63	270213	23.53	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 94.12%			
20) 2-Butanone-d5	7.07	46	87719	40.36	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 80.72%			
24) Chloroform-d	7.65	84	202002	25.84	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.36%			
26) 1,2-Dichloroethane-d4	8.30	65	148940	23.39	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.56%			
29) Benzene-d6	8.27	84	499995	24.49	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.96%			
33) 1,2-Dichloropropane-d6	9.27	67	160692	24.53	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.12%			
37) Toluene-d8	10.32	98	454231	24.76	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.04%			
38) trans-1,3-Dichloropropene-	10.58	79	72259	24.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.52%			
39) 2-Hexanone-d5	10.93	63	73780	47.14	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.28%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	134133	24.18	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.72%			
61) 1,2-Dichlorobenzene-d4	13.86	152	151128	24.08	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.32%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	150243	24.669	ug/L	100
3) Chloromethane	2.21	50	165039	24.366	ug/L	100
5) Vinyl chloride	2.35	62	154507	24.881	ug/L	99
6) Bromomethane	2.77	94	71059	25.403	ug/L	97
8) Chloroethane	2.92	64	89664	24.655	ug/L	100
9) Trichlorofluoromethane	3.26	101	206243	25.103	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	115862	24.103	ug/L	100
12) 1,1-Dichloroethene	4.04	96	105654	23.890	ug/L	97
13) Acetone	4.12	43	104279	44.657	ug/L	100
14) Carbon disulfide	4.38	76	299090	22.917	ug/L	99
15) Methyl Acetate	4.67	43	81831	21.827	ug/L	100
16) Methylene chloride	4.92	84	120221	23.034	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	330091	22.540	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	117624	23.854	ug/L	97
19) 1,1-Dichloroethane	6.22	63	246342	23.975	ug/L	99
21) 2-Butanone	7.17	43	129253	40.525	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	133392	23.772	ug/L	99

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02523

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM061119S.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 18 05:48:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	7.51	128	53176	23.102 ug/L	99
25) Chloroform	7.68	83	276116	23.349 ug/L	99
27) 1,2-Dichloroethane	8.40	62	174205	23.037 ug/L	99
30) Cyclohexane	7.95	56	244971	24.177 ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	205724	25.172 ug/L	100
32) Carbon tetrachloride	8.07	117	172523	25.317 ug/L	99
34) Benzene	8.32	78	510602	24.275 ug/L	100
35) Trichloroethene	9.09	95	130099	24.136 ug/L	99
36) Methylcyclohexane	9.34	83	228843	24.098 ug/L	99
40) 1,2-Dichloropropane	9.37	63	142239	24.262 ug/L	100
41) Bromodichloromethane	9.65	83	170548	24.705 ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	216952	24.174 ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	257974	45.798 ug/L	100
44) Toluene	10.39	91	536352	24.347 ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	187152	24.766 ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	97030	23.249 ug/L	98
47) Tetrachloroethene	10.87	164	97764	24.204 ug/L	95
49) 2-Hexanone	10.97	43	197196	47.226 ug/L	98
50) Dibromochloromethane	11.13	129	110766	23.948 ug/L	98
51) 1,2-Dibromoethane	11.24	107	90095	22.545 ug/L	98
52) Chlorobenzene	11.66	112	330165	24.039 ug/L	99
53) Ethylbenzene	11.73	91	619503	24.572 ug/L	99
54) m,p-Xylene	11.84	106	221249	24.352 ug/L	96
55) o-xylene	12.17	106	215075	24.413 ug/L	96
56) Styrene	12.18	104	370689	24.180 ug/L	98
57) Isopropylbenzene	12.46	105	600304	24.886 ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	131104	23.446 ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	103417	23.395 ug/L	100
62) Bromoform	12.35	173	64778	23.162 ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	255545	24.018 ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	254672	23.651 ug/L	100
65) 1,2-Dichlorobenzene	13.87	146	236740	23.783 ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	23799	22.680 ug/L	92
67) 1,3,5-Trichlorobenzene	14.63	180	201315	24.930 ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	166085	24.645 ug/L	98
69) Naphthalene	15.37	128	344301	24.165 ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	148031	24.516 ug/L	99

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

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Instrument :
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