Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121819\
Data File : VW014453.D
Acq On : 19 Dec 2019 01:31
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02527

Quant Time: Dec 19 04:38:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 19 04:35:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1095298	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	999589	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	480300	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	289155	17.43	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 69.72%			
7) Chloroethane-d5	2.89	69	262878	21.32	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.28%			
10) 1,1-Dichloroethene-d2	4.03	63	614071	20.96	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 83.84%			
20) 2-Butanone-d5	7.07	46	237035	54.84	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.68%			
24) Chloroform-d	7.65	84	705469	25.30	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.20%			
26) 1,2-Dichloroethane-d4	8.30	65	378067	25.86	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.44%			
29) Benzene-d6	8.27	84	1401862	23.93	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.72%			
33) 1,2-Dichloropropane-d6	9.27	67	446566	24.78	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.12%			
37) Toluene-d8	10.32	98	1258960	23.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.08%			
38) trans-1,3-Dichloropropene-	10.57	79	174851	23.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.48%			
39) 2-Hexanone-d5	10.92	63	189610	52.91	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.82%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	372832	25.38	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 101.52%			
61) 1,2-Dichlorobenzene-d4	13.85	152	444334	24.21	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.84%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	195395	18.757	ug/L	100
3) Chloromethane	2.21	50	231971	22.150	ug/L	98
5) Vinyl chloride	2.36	62	361026	23.283	ug/L	98
6) Bromomethane	2.78	94	219935	22.995	ug/L	99
8) Chloroethane	2.92	64	212783	24.019	ug/L	97
9) Trichlorofluoromethane	3.25	101	161064	20.982	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	337083	23.332	ug/L	93
12) 1,1-Dichloroethene	4.04	96	337764	23.093	ug/L	93
13) Acetone	4.12	43	147036	35.285	ug/L	98
14) Carbon disulfide	4.38	76	968695	21.594	ug/L	99
15) Methyl Acetate	4.66	43	190867	24.215	ug/L	96
16) Methylene chloride	4.92	84	394331	23.485	ug/L	96
17) Methyl tert-butyl Ether	5.42	73	480051	24.888	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	365848	23.357	ug/L	90
19) 1,1-Dichloroethane	6.21	63	705160	25.057	ug/L	99
21) 2-Butanone	7.16	43	247959	44.321	ug/L	97
22) cis-1,2-Dichloroethene	7.16	96	406766	24.406	ug/L	96

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Instrument : MSVOA_W
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Quant Title : VOC Analysis
QLast Update : Thu Dec 19 04:35:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	7.51	128	178816	23.324 ug/L	82
25) Chloroform	7.67	83	688069	25.161 ug/L	99
27) 1,2-Dichloroethane	8.40	62	447597	24.995 ug/L	95
30) Cyclohexane	7.95	56	598356	23.982 ug/L	96
31) 1,1,1-Trichloroethane	7.87	97	506254	25.218 ug/L	97
32) Carbon tetrachloride	8.07	117	465100	24.418 ug/L	100
34) Benzene	8.32	78	1578782	24.945 ug/L	100
35) Trichloroethene	9.09	95	385755	23.821 ug/L	95
36) Methylcyclohexane	9.34	83	628807	23.108 ug/L	96
40) 1,2-Dichloropropane	9.37	63	403976	24.845 ug/L	99
41) Bromodichloromethane	9.64	83	491368	24.866 ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	587452	24.125 ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	543311	50.672 ug/L	96
44) Toluene	10.38	91	1657064	24.973 ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	473440	24.019 ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	292381	23.996 ug/L	98
47) Tetrachloroethene	10.86	164	310238	22.985 ug/L	97
49) 2-Hexanone	10.96	43	377739	49.484 ug/L	97
50) Dibromochloromethane	11.13	129	328230	24.002 ug/L	100
51) 1,2-Dibromoethane	11.23	107	270672	23.453 ug/L	100
52) Chlorobenzene	11.65	112	1031938	24.063 ug/L	93
53) Ethylbenzene	11.73	91	1805255	25.073 ug/L	99
54) m,p-Xylene	11.83	106	686277	24.779 ug/L	99
55) o-xylene	12.16	106	656487	24.990 ug/L	99
56) Styrene	12.18	104	1141679	25.404 ug/L	98
57) Isopropylbenzene	12.46	105	1712519	25.110 ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.71	83	355585	23.513 ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	263370	23.437 ug/L	100
62) Bromoform	12.35	173	187995	23.062 ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	776931	24.067 ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	787991	24.025 ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	723940	24.115 ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.48	75	55067	23.778 ug/L #	80
67) 1,3,5-Trichlorobenzene	14.63	180	558091	24.028 ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	432696	23.897 ug/L	99
69) Naphthalene	15.36	128	832108	24.438 ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	402554	23.708 ug/L	99

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

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