Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081519\
Data File : VW011918.D
Acq On : 15 Aug 2019 09:18
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02516

Quant Time: Aug 16 06:53:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 14 15:59:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	358610	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	315913	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	153061	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	144008	28.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 114.08%			
7) Chloroethane-d5	2.89	69	105055	28.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 115.52%			
10) 1,1-Dichloroethene-d2	4.02	63	317507	27.43	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 109.72%			
20) 2-Butanone-d5	7.08	46	98752	43.43	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 86.86%			
24) Chloroform-d	7.65	84	269785	27.39	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 109.56%			
26) 1,2-Dichloroethane-d4	8.31	65	156718	26.89	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.56%			
29) Benzene-d6	8.27	84	546834	27.53	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 110.12%			
33) 1,2-Dichloropropane-d6	9.27	67	175816	27.42	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 109.68%			
37) Toluene-d8	10.32	98	483649	27.43	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 109.72%			
38) trans-1,3-Dichloropropene-	10.58	79	74350	26.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 105.80%			
39) 2-Hexanone-d5	10.93	63	67988	45.39	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.78%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	127676	23.97	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 95.88%			
61) 1,2-Dichlorobenzene-d4	13.85	152	153201	25.97	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.88%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	102490	25.501	ug/L	98
3) Chloromethane	2.21	50	119558	22.870	ug/L	100
5) Vinyl chloride	2.36	62	159899	23.973	ug/L	100
6) Bromomethane	2.78	94	75402	23.979	ug/L	99
8) Chloroethane	2.92	64	88231	25.293	ug/L	100
9) Trichlorofluoromethane	3.26	101	88665	26.096	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	130896	25.411	ug/L	98
12) 1,1-Dichloroethene	4.04	96	125567	24.379	ug/L	82
13) Acetone	4.14	43	94308	38.728	ug/L	95
14) Carbon disulfide	4.39	76	383772	22.877	ug/L	100
15) Methyl Acetate	4.67	43	83030	20.854	ug/L	100
16) Methylene chloride	4.92	84	134786	24.085	ug/L	99
17) Methyl tert-butyl Ether	5.42	73	211336	24.639	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	130279	24.482	ug/L	99
19) 1,1-Dichloroethane	6.21	63	271096	25.502	ug/L	99
21) 2-Butanone	7.17	43	121879	39.919	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	140931	25.314	ug/L	97

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Instrument : MSVOA_W
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Quant Title : VOC Analysis
QLast Update : Wed Aug 14 15:59:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	7.51	128	58371	24.642 ug/L	97
25) Chloroform	7.67	83	249771	25.492 ug/L	99
27) 1,2-Dichloroethane	8.40	62	180751	24.920 ug/L	97
30) Cyclohexane	7.95	56	269623	24.553 ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	200650	26.066 ug/L	99
32) Carbon tetrachloride	8.07	117	186963	25.818 ug/L	99
34) Benzene	8.32	78	564239	25.487 ug/L	100
35) Trichloroethene	9.09	95	141685	25.210 ug/L	99
36) Methylcyclohexane	9.34	83	248158	24.339 ug/L	99
40) 1,2-Dichloropropane	9.37	63	151433	25.626 ug/L	100
41) Bromodichloromethane	9.65	83	180065	25.822 ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	229359	25.949 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	234590	43.814 ug/L	100
44) Toluene	10.39	91	577469	25.675 ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	186808	25.402 ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	97041	24.086 ug/L	98
47) Tetrachloroethene	10.86	164	106242	24.749 ug/L	97
49) 2-Hexanone	10.97	43	177821	43.108 ug/L	99
50) Dibromochloromethane	11.13	129	112226	25.272 ug/L	98
51) 1,2-Dibromoethane	11.23	107	93842	23.937 ug/L	97
52) Chlorobenzene	11.66	112	341984	25.202 ug/L	99
53) Ethylbenzene	11.73	91	649993	25.914 ug/L	100
54) m,p-Xylene	11.84	106	235019	25.768 ug/L	96
55) o-xylene	12.16	106	222297	25.898 ug/L	97
56) Styrene	12.18	104	386302	26.471 ug/L	99
57) Isopropylbenzene	12.46	105	616081	26.089 ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	123541	23.074 ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	93520	22.647 ug/L	99
62) Bromoform	12.35	173	64016	23.377 ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	260337	25.060 ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	258210	24.751 ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	234635	24.943 ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	20277	20.827 ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	192579	25.186 ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	159381	25.882 ug/L	98
69) Naphthalene	15.36	128	290421	23.419 ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	141406	24.794 ug/L	100

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

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