Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW012720\
Data File : VW014768.D
Acq On : 27 Jan 2020 15:56
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02524

Quant Time: Jan 28 07:09:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis
QLast Update : Mon Jan 27 15:38:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	842527	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	760961	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	372552	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	339859	25.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 101.88%			
7) Chloroethane-d5	2.89	69	281484	24.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.32%			
10) 1,1-Dichloroethene-d2	4.02	63	621897	25.75	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 103.00%			
20) 2-Butanone-d5	7.07	46	249389	65.82	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 131.64%			
24) Chloroform-d	7.64	84	587526	25.26	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.04%			
26) 1,2-Dichloroethane-d4	8.30	65	327667	26.16	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.64%			
29) Benzene-d6	8.27	84	1212728	25.32	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.28%			
33) 1,2-Dichloropropane-d6	9.27	67	378048	25.39	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.56%			
37) Toluene-d8	10.32	98	1089442	25.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 102.16%			
38) trans-1,3-Dichloropropene-	10.57	79	155881	26.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 105.12%			
39) 2-Hexanone-d5	10.92	63	193213	69.16	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 138.32%#			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	333313	28.53	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 114.12%			
61) 1,2-Dichlorobenzene-d4	13.85	152	372262	25.50	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	262135	25.301	ug/L	97
3) Chloromethane	2.21	50	277329	22.945	ug/L	99
5) Vinyl chloride	2.36	62	430791	25.334	ug/L	99
6) Bromomethane	2.78	94	210139	23.640	ug/L	100
8) Chloroethane	2.92	64	235433	25.556	ug/L	99
9) Trichlorofluoromethane	3.26	101	206507	25.290	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	299678	25.694	ug/L	99
12) 1,1-Dichloroethene	4.04	96	295867	25.724	ug/L	95
13) Acetone	4.11	43	258830	63.778	ug/L	99
14) Carbon disulfide	4.38	76	953670	25.330	ug/L	98
15) Methyl Acetate	4.67	43	199138	32.880	ug/L	98
16) Methylene chloride	4.91	84	316392	22.221	ug/L	99
17) Methyl tert-butyl Ether	5.42	73	422450	27.787	ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	300375	25.277	ug/L	99
19) 1,1-Dichloroethane	6.21	63	557834	25.032	ug/L	99
21) 2-Butanone	7.17	43	300440	66.118	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	313765	25.219	ug/L	100

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Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02524

Quant Time: Jan 28 07:09:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis
QLast Update : Mon Jan 27 15:38:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	7.51	128	134450	24.730 ug/L	96
25) Chloroform	7.67	83	523438	25.174 ug/L	99
27) 1,2-Dichloroethane	8.40	62	358260	26.078 ug/L	98
30) Cyclohexane	7.95	56	567166	27.294 ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	422511	25.428 ug/L	99
32) Carbon tetrachloride	8.06	117	394447	25.331 ug/L	99
34) Benzene	8.32	78	1234517	25.331 ug/L	100
35) Trichloroethene	9.09	95	306674	24.770 ug/L	98
36) Methylcyclohexane	9.33	83	572121	26.562 ug/L	100
40) 1,2-Dichloropropane	9.37	63	311435	25.207 ug/L	99
41) Bromodichloromethane	9.64	83	371930	25.189 ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	476956	26.431 ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	524649	64.582 ug/L	99
44) Toluene	10.38	91	1278982	25.827 ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	392841	26.817 ug/L	96
46) 1,1,2-Trichloroethane	10.79	97	225726	26.764 ug/L	99
47) Tetrachloroethene	10.86	164	249779	25.250 ug/L	99
49) 2-Hexanone	10.96	43	400684	68.602 ug/L	99
50) Dibromochloromethane	11.13	129	251495	26.135 ug/L	96
51) 1,2-Dibromoethane	11.23	107	220798	27.216 ug/L	100
52) Chlorobenzene	11.65	112	774226	25.038 ug/L	98
53) Ethylbenzene	11.73	91	1408439	26.026 ug/L	100
54) m,p-Xylene	11.84	106	530572	26.228 ug/L	91
55) o-xylene	12.16	106	490889	25.862 ug/L	98
56) Styrene	12.18	104	851083	26.438 ug/L	100
57) Isopropylbenzene	12.46	105	1334696	25.963 ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	303447	27.925 ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	235080	28.800 ug/L	100
62) Bromoform	12.35	173	155305	26.557 ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	597685	24.849 ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	600099	24.895 ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	550451	25.161 ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	53692	29.923 ug/L	99
67) 1,3,5-Trichlorobenzene	14.63	180	454616	25.519 ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	357631	27.050 ug/L	100
69) Naphthalene	15.36	128	760974	31.824 ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	334814	27.621 ug/L	100

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

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