Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW012120\
Data File : VW014708.D
Acq On : 21 Jan 2020 15:49
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02523

Quant Time: Jan 22 01:36:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 22 01:33:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1129570	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	992042	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	477122	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	291510	18.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.24%			
7) Chloroethane-d5	2.88	69	258566	22.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.16%			
10) 1,1-Dichloroethene-d2	4.02	63	627640	21.55	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 86.20%			
20) 2-Butanone-d5	7.07	46	203962	53.83	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.66%			
24) Chloroform-d	7.64	84	604965	23.28	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.12%			
26) 1,2-Dichloroethane-d4	8.30	65	308121	22.85	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.40%			
29) Benzene-d6	8.27	84	1260750	23.90	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.60%			
33) 1,2-Dichloropropane-d6	9.27	67	390112	24.59	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.36%			
37) Toluene-d8	10.32	98	1149126	24.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.12%			
38) trans-1,3-Dichloropropene-	10.57	79	154931	23.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.60%			
39) 2-Hexanone-d5	10.92	63	161277	59.46	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 118.92%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	313798	26.35	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 105.40%			
61) 1,2-Dichlorobenzene-d4	13.85	152	386711	24.60	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	224111	22.179	ug/L	100
3) Chloromethane	2.21	50	224642	19.664	ug/L	100
5) Vinyl chloride	2.36	62	376229	23.146	ug/L	98
6) Bromomethane	2.78	94	212557	22.394	ug/L	99
8) Chloroethane	2.92	64	219596	24.159	ug/L	100
9) Trichlorofluoromethane	3.26	101	209925	24.417	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	346480	23.475	ug/L	100
12) 1,1-Dichloroethene	4.04	96	344614	23.843	ug/L	94
13) Acetone	4.12	43	205724	39.214	ug/L	98
14) Carbon disulfide	4.38	76	978261	21.923	ug/L	97
15) Methyl Acetate	4.66	43	179867	25.408	ug/L	100
16) Methylene chloride	4.92	84	380862	20.677	ug/L	99
17) Methyl tert-butyl Ether	5.42	73	492272	26.461	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	357301	23.468	ug/L	98
19) 1,1-Dichloroethane	6.21	63	646172	23.478	ug/L	99
21) 2-Butanone	7.16	43	263009	46.727	ug/L	99
22) cis-1,2-Dichloroethene	7.16	96	382612	23.875	ug/L	98

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Quant Title : VOC Analysis
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	166717	24.031	ug/L	97
25) Chloroform	7.67	83	614817	23.355	ug/L	100
27) 1,2-Dichloroethane	8.40	62	390364	22.843	ug/L	99
30) Cyclohexane	7.95	56	625409	24.645	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	490018	24.080	ug/L	99
32) Carbon tetrachloride	8.07	117	447175	23.585	ug/L	98
34) Benzene	8.32	78	1447701	24.250	ug/L	100
35) Trichloroethene	9.09	95	366070	23.759	ug/L	98
36) Methylcyclohexane	9.33	83	639054	23.642	ug/L	98
40) 1,2-Dichloropropane	9.37	63	360305	23.845	ug/L	100
41) Bromodichloromethane	9.64	83	432627	23.803	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	554796	24.579	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	501413	51.691	ug/L	99
44) Toluene	10.38	91	1527164	24.479	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	437321	24.230	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	262520	24.528	ug/L	99
47) Tetrachloroethene	10.86	164	311209	24.055	ug/L	97
49) 2-Hexanone	10.96	43	364122	54.971	ug/L	100
50) Dibromochloromethane	11.13	129	295707	24.332	ug/L	95
51) 1,2-Dibromoethane	11.23	107	248520	24.599	ug/L	98
52) Chlorobenzene	11.66	112	947438	24.024	ug/L	97
53) Ethylbenzene	11.73	91	1674358	24.409	ug/L	99
54) m,p-Xylene	11.83	106	638973	24.616	ug/L	99
55) o-xylene	12.16	106	605708	24.704	ug/L	99
56) Styrene	12.18	104	1038189	25.157	ug/L	98
57) Isopropylbenzene	12.46	105	1622731	24.881	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	320245	24.644	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	238494	24.499	ug/L	99
62) Bromoform	12.35	173	173199	24.293	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	722799	23.928	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	727994	23.901	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	663071	24.486	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.48	75	50536	25.202	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	545413	24.374	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	446706	26.631	ug/L	99
69) Naphthalene	15.36	128	896605	30.961	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	396551	26.088	ug/L	98

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

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