Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW093020\
Data File : VW016701.D
Acq On : 30 Sep 2020 09:12
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02513

Quant Time: Oct 01 05:02:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 30 10:40:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	616045	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	542237	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	274952	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.37	65	115480	19.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.48%			
7) Chloroethane-d5	2.90	69	108693	22.32	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.28%			
10) 1,1-Dichloroethene-d2	4.04	63	283263	21.25	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 85.00%			
20) 2-Butanone-d5	7.09	46	76472	47.04	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.08%			
24) Chloroform-d	7.65	84	340451	26.42	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.68%			
26) 1,2-Dichloroethane-d4	8.31	65	166712	25.20	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.80%			
29) Benzene-d6	8.28	84	571240	23.49	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.96%			
33) 1,2-Dichloropropane-d6	9.28	67	173816	26.38	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 105.52%			
37) Toluene-d8	10.33	98	521683	21.81	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 87.24%			
38) trans-1,3-Dichloropropene-	10.58	79	79347	23.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.52%			
39) 2-Hexanone-d5	10.93	63	63414	52.90	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.80%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	155049	27.65	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 110.60%			
61) 1,2-Dichlorobenzene-d4	13.86	152	233980	26.63	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 106.52%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.03	85	201318	26.453	ug/L	98
3) Chloromethane	2.23	50	154436	27.733	ug/L	96
5) Vinyl chloride	2.38	62	226993	27.623	ug/L	100
6) Bromomethane	2.80	94	157813	25.310	ug/L	100
8) Chloroethane	2.94	64	136047	27.986	ug/L	100
9) Trichlorofluoromethane	3.28	101	205973	24.861	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.08	101	217814	27.442	ug/L	98
12) 1,1-Dichloroethene	4.05	96	209926	26.903	ug/L	96
13) Acetone	4.15	43	50230	39.443	ug/L	95
14) Carbon disulfide	4.40	76	598224	25.411	ug/L	100
15) Methyl Acetate	4.69	43	65339	22.532	ug/L	99
16) Methylene chloride	4.93	84	207721	21.862	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	260337	24.358	ug/L	97
18) trans-1,2-Dichloroethene	5.44	96	220108	27.238	ug/L	96
19) 1,1-Dichloroethane	6.23	63	346911	27.147	ug/L	98
21) 2-Butanone	7.18	43	80040	36.943	ug/L	93
22) cis-1,2-Dichloroethene	7.18	96	228241	27.222	ug/L	98

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Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02513

Quant Time: Oct 01 05:02:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 30 10:40:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	7.52	128	106708	26.179 ug/L	96
25) Chloroform	7.68	83	378383	27.158 ug/L	99
27) 1,2-Dichloroethane	8.40	62	228449	25.555 ug/L	98
30) Cyclohexane	7.96	56	309520	26.121 ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	338527	26.731 ug/L	98
32) Carbon tetrachloride	8.07	117	331104	26.911 ug/L	99
34) Benzene	8.33	78	806360	27.745 ug/L	100
35) Trichloroethene	9.10	95	227921	27.105 ug/L	99
36) Methylcyclohexane	9.34	83	383796	26.909 ug/L	99
40) 1,2-Dichloropropane	9.37	63	183216	27.105 ug/L	100
41) Bromodichloromethane	9.65	83	267857	26.740 ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	305326	26.445 ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	187013	43.546 ug/L	98
44) Toluene	10.39	91	917589	28.078 ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	261745	26.056 ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	149245	26.208 ug/L	98
47) Tetrachloroethene	10.87	164	206000	27.131 ug/L	85
49) 2-Hexanone	10.97	43	124213	45.573 ug/L	96
50) Dibromochloromethane	11.13	129	193217	25.988 ug/L	97
51) 1,2-Dibromoethane	11.24	107	149426	26.208 ug/L	97
52) Chlorobenzene	11.66	112	600934	27.375 ug/L	99
53) Ethylbenzene	11.73	91	1031039	27.788 ug/L	95
54) m,p-Xylene	11.84	106	403810	27.794 ug/L	94
55) o-xylene	12.17	106	379267	27.249 ug/L	96
56) Styrene	12.18	104	641942	27.774 ug/L	97
57) Isopropylbenzene	12.47	105	1058185	27.823 ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	159625	25.067 ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	117706	24.816 ug/L	98
62) Bromoform	12.35	173	111321	24.004 ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	483348	27.027 ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	470829	26.883 ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	427827	26.773 ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	25315	22.101 ug/L	87
67) 1,3,5-Trichlorobenzene	14.63	180	351418	26.868 ug/L	95
68) 1,2,4-trichlorobenzene	15.13	180	292006	27.598 ug/L	96
69) Naphthalene	15.37	128	482515	25.726 ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	240522	26.432 ug/L	98

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

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