Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW012920\
Data File : VW014804.D
Acq On : 29 Jan 2020 19:20
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02529

Quant Time: Jan 30 07:09:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 30 07:05:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	906942	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	825291	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	393483	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	379154	26.39	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.56%			
7) Chloroethane-d5	2.89	69	340689	27.91	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 111.64%			
10) 1,1-Dichloroethene-d2	4.02	63	602229	23.17	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 92.68%			
20) 2-Butanone-d5	7.07	46	193788	47.51	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.02%			
24) Chloroform-d	7.65	84	687220	27.45	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 109.80%			
26) 1,2-Dichloroethane-d4	8.30	65	359099	26.64	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.56%			
29) Benzene-d6	8.27	84	1425573	27.44	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 109.76%			
33) 1,2-Dichloropropane-d6	9.27	67	445460	27.59	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 110.36%			
37) Toluene-d8	10.32	98	1268308	27.41	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 109.64%			
38) trans-1,3-Dichloropropene-	10.57	79	164566	25.58	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 102.32%			
39) 2-Hexanone-d5	10.92	63	152074	50.19	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.38%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	311695	24.60	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.40%			
61) 1,2-Dichlorobenzene-d4	13.85	152	400849	25.99	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.96%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	234365	21.014	ug/L	94
3) Chloromethane	2.21	50	295397	22.704	ug/L	98
5) Vinyl chloride	2.36	62	443611	24.235	ug/L	98
6) Bromomethane	2.78	94	227155	23.739	ug/L	100
8) Chloroethane	2.92	64	241555	24.358	ug/L	97
9) Trichlorofluoromethane	3.26	101	219854	25.013	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	273548	21.788	ug/L	100
12) 1,1-Dichloroethene	4.04	96	266798	21.549	ug/L	98
13) Acetone	4.12	43	137621	31.502	ug/L	99
14) Carbon disulfide	4.39	76	897031	22.133	ug/L	100
15) Methyl Acetate	4.67	43	129959	19.934	ug/L	97
16) Methylene chloride	4.92	84	333031	21.729	ug/L	97
17) Methyl tert-butyl Ether	5.42	73	397453	24.286	ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	307622	24.048	ug/L	98
19) 1,1-Dichloroethane	6.21	63	582878	24.298	ug/L	97
21) 2-Butanone	7.17	43	194519	39.768	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	320415	23.925	ug/L	99

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Instrument : MSVOA_W
ClientSampleId : VSTD02529

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 30 07:05:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	131793	22.520	ug/L	96
25) Chloroform	7.67	83	547752	24.473	ug/L	100
27) 1,2-Dichloroethane	8.40	62	349194	23.612	ug/L	99
30) Cyclohexane	7.95	56	552463	24.514	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	431348	23.936	ug/L	99
32) Carbon tetrachloride	8.07	117	395298	23.407	ug/L	100
34) Benzene	8.32	78	1277837	24.176	ug/L	100
35) Trichloroethene	9.09	95	313449	23.344	ug/L	100
36) Methylcyclohexane	9.34	83	562514	24.080	ug/L	100
40) 1,2-Dichloropropane	9.37	63	321950	24.027	ug/L	100
41) Bromodichloromethane	9.64	83	363496	22.699	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	466913	23.858	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	376610	42.745	ug/L	99
44) Toluene	10.38	91	1312010	24.429	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	369290	23.244	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	206277	22.552	ug/L	99
47) Tetrachloroethene	10.86	164	257353	23.987	ug/L	98
49) 2-Hexanone	10.96	43	270955	42.775	ug/L	100
50) Dibromochloromethane	11.13	129	235956	22.609	ug/L	99
51) 1,2-Dibromoethane	11.23	107	192520	21.881	ug/L	97
52) Chlorobenzene	11.65	112	781300	23.297	ug/L	100
53) Ethylbenzene	11.73	91	1430515	24.373	ug/L	99
54) m,p-Xylene	11.84	106	541293	24.672	ug/L	94
55) o-xylene	12.16	106	495371	24.063	ug/L	97
56) Styrene	12.18	104	853440	24.445	ug/L	98
57) Isopropylbenzene	12.46	105	1340077	24.036	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	248870	21.117	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	180281	20.365	ug/L	100
62) Bromoform	12.35	173	130390	21.110	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	590241	23.234	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	587017	23.057	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	529618	22.921	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	36992	19.519	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	426057	22.643	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	323364	23.157	ug/L	98
69) Naphthalene	15.36	128	567963	22.489	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	290971	22.727	ug/L	98

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

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