Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW050420\
Data File : VW015385.D
Acq On : 04 May 2020 14:29
Operator : SY/VA
Sample : VSTD00503
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD00503

Quant Time: May 04 15:27:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050420S.M
Quant Title : VOC Analysis
QLast Update : Mon May 04 15:24:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	337844	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	310321	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	148222	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	21713	8.83	ug/L	0.00
7) Chloroethane-d5	2.89	69	20663	7.22	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	44573	7.17	ug/L	0.00
20) 2-Butanone-d5	7.08	46	10801	14.29	ug/L	0.00
24) Chloroform-d	7.65	84	44096	5.94	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	23747	6.21	ug/L	0.00
29) Benzene-d6	8.27	84	86504	6.05	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	26352	6.59	ug/L	0.00
37) Toluene-d8	10.32	98	82488	5.65	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	11532	5.63	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	8954	12.26	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	18620	5.50	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	26136	5.07	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	15837	4.977	ug/L	100
3) Chloromethane	2.21	50	16139	6.194	ug/L	95
5) Vinyl chloride	2.37	62	26366	8.380	ug/L	98
6) Bromomethane	2.78	94	18242	6.169	ug/L	99
8) Chloroethane	2.93	64	17303	7.087	ug/L	98
9) Trichlorofluoromethane	3.26	101	18557	5.036	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	20658	5.310	ug/L	96
12) 1,1-Dichloroethene	4.03	96	21155	5.566	ug/L	95
13) Acetone	4.12	43	8248	12.953	ug/L	94
14) Carbon disulfide	4.38	76	65884	6.350	ug/L	99
15) Methyl Acetate	4.67	43	9222	7.262	ug/L	99
16) Methylene chloride	4.91	84	27079	6.294	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	33479	5.956	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	22968	5.516	ug/L	98
19) 1,1-Dichloroethane	6.21	63	42609	6.570	ug/L	98
21) 2-Butanone	7.18	43	12137	12.603	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	23909	5.317	ug/L	98
23) Bromochloromethane	7.51	128	10022	4.642	ug/L	96
25) Chloroform	7.67	83	41210	5.586	ug/L	98
27) 1,2-Dichloroethane	8.40	62	27992	5.983	ug/L	99
30) Cyclohexane	7.96	56	42858	7.214	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	35813	5.364	ug/L	99
32) Carbon tetrachloride	8.07	117	32937	5.102	ug/L	99
34) Benzene	8.32	78	94183	5.922	ug/L	100
35) Trichloroethene	9.09	95	25041	5.473	ug/L	99
36) Methylcyclohexane	9.34	83	45763	5.933	ug/L	98
40) 1,2-Dichloropropane	9.37	63	23104	6.401	ug/L	99
41) Bromodichloromethane	9.65	83	30219	5.470	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	36523	5.779	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	29072	11.944	ug/L	98

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44) Toluene	10.38	91	100776	5.460 ug/L		98
45) trans-1,3-Dichloropropene	10.60	75	30726	5.470 ug/L		97
46) 1,1,2-Trichloroethane	10.79	97	15784	5.095 ug/L		96
47) Tetrachloroethene	10.86	164	18995	4.351 ug/L		95
49) 2-Hexanone	10.97	43	18008	13.513 ug/L		97
50) Dibromochloromethane	11.13	129	19059	4.549 ug/L		98
51) 1,2-Dibromoethane	11.23	107	14646	4.742 ug/L	#	95
52) Chlorobenzene	11.66	112	64878	5.215 ug/L		98
53) Ethylbenzene	11.73	91	118241	5.539 ug/L		99
54) m,p-Xylene	11.83	106	44183	5.228 ug/L		98
55) o-xylene	12.16	106	41386	5.104 ug/L		94
56) Styrene	12.18	104	69363	5.096 ug/L		98
57) Isopropylbenzene	12.46	105	116612	5.282 ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.71	83	18255	5.298 ug/L		99
59) 1,2,3-Trichloropropane	12.77	75	13974	5.561 ug/L		97
62) Bromoform	12.35	173	10204	4.189 ug/L		98
63) 1,3-Dichlorobenzene	13.50	146	46545	4.942 ug/L		98
64) 1,4-Dichlorobenzene	13.58	146	47766	5.126 ug/L		99
65) 1,2-Dichlorobenzene	13.87	146	40955	4.844 ug/L		93
66) 1,2-Dibromo-3-chloropropan	14.48	75	3102	5.607 ug/L		95
67) 1,3,5-Trichlorobenzene	14.63	180	33146	4.552 ug/L		98
68) 1,2,4-trichlorobenzene	15.13	180	26047	4.353 ug/L		96
69) Naphthalene	15.36	128	45857	4.584 ug/L		99
70) 1,2,3-Trichlorobenzene	15.55	180	21243	4.111 ug/L		95

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

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