Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW052620\
Data File : VW015467.D
Acq On : 26 May 2020 11:17
Operator : SY/VA
Sample : VSTD05006
Misc : 5.00G/10.0mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD05006

Quant Time: May 26 12:00:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis
QLast Update : Tue May 26 11:56:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	405694	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	370431	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	180662	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	169182	33.33	ug/L	0.00
7) Chloroethane-d5	2.89	69	172155	35.18	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	418804	40.57	ug/L	0.00
20) 2-Butanone-d5	7.08	46	126343	93.19	ug/L	0.00
24) Chloroform-d	7.65	84	450290	43.95	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	258143	45.45	ug/L	0.00
29) Benzene-d6	8.27	84	869539	42.90	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	268699	43.74	ug/L	0.00
37) Toluene-d8	10.32	98	853978	43.81	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	130371	46.63	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	102272	90.13	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	213965	46.25	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	289709	45.73	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	173685	48.783	ug/L	99
3) Chloromethane	2.21	50	169775	44.563	ug/L	100
5) Vinyl chloride	2.37	62	268283	45.322	ug/L	99
6) Bromomethane	2.78	94	176160	43.255	ug/L	99
8) Chloroethane	2.93	64	166758	42.147	ug/L	98
9) Trichlorofluoromethane	3.26	101	203763	47.218	ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	230066	47.849	ug/L	100
12) 1,1-Dichloroethene	4.04	96	222681	45.762	ug/L	95
13) Acetone	4.12	43	94370	91.919	ug/L	99
14) Carbon disulfide	4.38	76	744431	49.252	ug/L	100
15) Methyl Acetate	4.67	43	101928	45.392	ug/L	99
16) Methylene chloride	4.92	84	227426	39.142	ug/L	95
17) Methyl tert-butyl Ether	5.43	73	365411	46.190	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	245779	46.868	ug/L	97
19) 1,1-Dichloroethane	6.21	63	440805	44.631	ug/L	100
21) 2-Butanone	7.17	43	137028	88.776	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	257572	45.573	ug/L	99
23) Bromochloromethane	7.52	128	111761	47.444	ug/L	97
25) Chloroform	7.68	83	444931	45.566	ug/L	100
27) 1,2-Dichloroethane	8.40	62	307351	46.259	ug/L	99
30) Cyclohexane	7.96	56	427738	44.144	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	387120	46.566	ug/L	100
32) Carbon tetrachloride	8.07	117	358076	47.331	ug/L	100
34) Benzene	8.32	78	978742	45.162	ug/L	100
35) Trichloroethene	9.09	95	260830	44.912	ug/L	99
36) Methylcyclohexane	9.34	83	469571	45.537	ug/L	100
40) 1,2-Dichloropropane	9.37	63	241463	44.583	ug/L	99
41) Bromodichloromethane	9.65	83	329869	46.141	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	404587	46.260	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	301676	83.136	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) Toluene	10.39	91	1075349	45.401 ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	357807	46.944 ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	177288	46.691 ug/L	98
47) Tetrachloroethene	10.87	164	204814	47.011 ug/L	98
49) 2-Hexanone	10.97	43	210675	92.144 ug/L	100
50) Dibromochloromethane	11.13	129	218201	47.502 ug/L	98
51) 1,2-Dibromoethane	11.24	107	169269	46.714 ug/L	94
52) Chlorobenzene	11.66	112	670477	44.869 ug/L	99
53) Ethylbenzene	11.73	91	1242826	44.991 ug/L	100
54) m,p-Xylene	11.84	106	470951	45.635 ug/L	99
55) o-xylene	12.16	106	450966	45.423 ug/L	100
56) Styrene	12.18	104	790126	46.612 ug/L	99
57) Isopropylbenzene	12.46	105	1247199	45.476 ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	208313	46.120 ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	158205	46.116 ug/L	99
62) Bromoform	12.35	173	129309	48.462 ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	526263	45.810 ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	508937	44.500 ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	458653	45.386 ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	36722	45.083 ug/L	92
67) 1,3,5-Trichlorobenzene	14.63	180	356517	45.135 ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	291829	44.744 ug/L	99
69) Naphthalene	15.36	128	571788	46.716 ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	253938	45.191 ug/L	99

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

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