Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081020\

Quantitation Report (QT Reviewed)

Data File : VW016100.D
Acq On : 10 Aug 2020 12:50
Operator : SY/VA
Sample : VSTD02503
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02503

Quant Time: Aug 10 13:20:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 10 12:21:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	420513	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	394602	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	189151	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	119417	20.13	ug/L	0.00
7) Chloroethane-d5	2.89	69	93349	19.37	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	262790	21.91	ug/L	0.00
20) 2-Butanone-d5	7.09	46	68690	44.07	ug/L	0.00
24) Chloroform-d	7.65	84	274159	23.21	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	146283	22.56	ug/L	0.00
29) Benzene-d6	8.27	84	517267	21.54	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	153961	21.38	ug/L	0.00
37) Toluene-d8	10.32	98	490128	22.53	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	69120	22.52	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	54948	45.83	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126577	22.87	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	160302	21.73	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	109418	30.750	ug/L	97
3) Chloromethane	2.21	50	96441	22.410	ug/L	98
5) Vinyl chloride	2.37	62	138107	20.807	ug/L	100
6) Bromomethane	2.78	94	86244	21.779	ug/L	99
8) Chloroethane	2.93	64	78040	20.070	ug/L	100
9) Trichlorofluoromethane	3.26	101	96636	21.659	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	133879	24.547	ug/L	98
12) 1,1-Dichloroethene	4.04	96	130816	24.200	ug/L	95
13) Acetone	4.13	43	48389	36.968	ug/L	99
14) Carbon disulfide	4.38	76	423040	24.780	ug/L	99
15) Methyl Acetate	4.67	43	59385	24.061	ug/L	98
16) Methylene chloride	4.92	84	147576	21.417	ug/L	90
17) Methyl tert-butyl Ether	5.43	73	191651	25.072	ug/L	97
18) trans-1,2-Dichloroethene	5.42	96	140709	24.650	ug/L	95
19) 1,1-Dichloroethane	6.21	63	246561	23.439	ug/L	99
21) 2-Butanone	7.18	43	76748	47.415	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	147093	24.629	ug/L	94
23) Bromochloromethane	7.51	128	66783	25.501	ug/L	93
25) Chloroform	7.68	83	262625	25.191	ug/L	99
27) 1,2-Dichloroethane	8.40	62	176326	24.856	ug/L	98
30) Cyclohexane	7.96	56	218673	21.978	ug/L	96
31) 1,1,1-Trichloroethane	7.87	97	223192	24.223	ug/L	97
32) Carbon tetrachloride	8.07	117	210515	25.196	ug/L	98
34) Benzene	8.32	78	567376	23.674	ug/L	100
35) Trichloroethene	9.09	95	149851	23.636	ug/L	99
36) Methylcyclohexane	9.34	83	255753	23.510	ug/L	97
40) 1,2-Dichloropropane	9.37	63	140716	23.701	ug/L	99
41) Bromodichloromethane	9.65	83	189779	24.751	ug/L	96
42) cis-1,3-Dichloropropene	10.07	75	216546	23.947	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	169036	48.777	ug/L	97

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 10 12:21:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	612397	24.363	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	194751	24.847	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	107714	25.229	ug/L	97
47) Tetrachloroethene	10.87	164	112641	22.889	ug/L	98
49) 2-Hexanone	10.97	43	117551	47.799	ug/L	97
50) Dibromochloromethane	11.13	129	126412	25.574	ug/L	97
51) 1,2-Dibromoethane	11.24	107	103235	25.276	ug/L	99
52) Chlorobenzene	11.66	112	388960	24.149	ug/L	97
53) Ethylbenzene	11.73	91	698059	24.696	ug/L	98
54) m,p-Xylene	11.84	106	261922	24.768	ug/L	93
55) o-xylene	12.17	106	251353	25.242	ug/L	96
56) Styrene	12.18	104	439510	25.954	ug/L	100
57) Isopropylbenzene	12.46	105	677807	25.005	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	127066	25.345	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	96329	25.644	ug/L	100
62) Bromoform	12.35	173	68794	24.724	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	296425	24.486	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	289451	23.559	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	271281	24.670	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	22601	27.307	ug/L	92
67) 1,3,5-Trichlorobenzene	14.63	180	185276	21.766	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	153369	22.684	ug/L	97
69) Naphthalene	15.36	128	335676	26.353	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	142358	23.631	ug/L	96

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

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ClientSampleId :
VSTD02503

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