Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW022420\
Data File : VW015025.D
Acq On : 24 Feb 2020 11:01
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: Feb 24 11:37:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022420S.M
Quant Title : VOC Analysis
QLast Update : Mon Feb 24 11:29:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	718621	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.63	117	662139	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	291330	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.36	65	410247	34.48	ug/L		0.00
7) Chloroethane-d5	2.89	69	292390	30.70	ug/L		0.00
10) 1,1-Dichloroethene-d2	4.02	63	662762	30.49	ug/L		0.00
20) 2-Butanone-d5	7.07	46	142559	42.70	ug/L		0.00
24) Chloroform-d	7.65	84	551405	27.02	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.31	65	308036	27.28	ug/L		0.00
29) Benzene-d6	8.27	84	1107567	26.01	ug/L		0.00
33) 1,2-Dichloropropane-d6	9.27	67	364423	26.26	ug/L		0.00
37) Toluene-d8	10.32	98	961133	25.65	ug/L		0.00
38) trans-1,3-Dichloropropene-	10.57	79	137024	25.01	ug/L		0.00
39) 2-Hexanone-d5	10.92	63	100993	39.93	ug/L		0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	234508	22.44	ug/L		0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	253625	22.45	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.01	85	145793	19.734	ug/L		89
3) Chloromethane	2.21	50	317056	28.321	ug/L		99
5) Vinyl chloride	2.37	62	450950	30.851	ug/L		99
6) Bromomethane	2.78	94	198329	27.134	ug/L		99
8) Chloroethane	2.93	64	245572	30.706	ug/L		98
9) Trichlorofluoromethane	3.26	101	210375	35.604	ug/L		98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	288574	27.667	ug/L		92
12) 1,1-Dichloroethene	4.04	96	279623	27.430	ug/L		90
13) Acetone	4.12	43	194043	56.305	ug/L		94
14) Carbon disulfide	4.39	76	1015131	33.166	ug/L		99
15) Methyl Acetate	4.67	43	153131	27.002	ug/L		95
16) Methylene chloride	4.92	84	310392	23.709	ug/L		83
17) Methyl tert-butyl Ether	5.43	73	341625	25.652	ug/L		96
18) trans-1,2-Dichloroethene	5.43	96	285563	27.648	ug/L		91
19) 1,1-Dichloroethane	6.21	63	628002	30.012	ug/L		98
21) 2-Butanone	7.17	43	224443	55.625	ug/L		94
22) cis-1,2-Dichloroethene	7.17	96	293816	26.300	ug/L		94
23) Bromochloromethane	7.51	128	113582	24.780	ug/L	#	73
25) Chloroform	7.68	83	560155	29.142	ug/L		99
27) 1,2-Dichloroethane	8.40	62	390446	29.463	ug/L		97
30) Cyclohexane	7.96	56	608298	30.833	ug/L		93
31) 1,1,1-Trichloroethane	7.87	97	436543	28.914	ug/L		96
32) Carbon tetrachloride	8.07	117	390779	28.794	ug/L		100
34) Benzene	8.32	78	1315624	28.895	ug/L		100
35) Trichloroethene	9.09	95	303020	26.848	ug/L		94
36) Methylcyclohexane	9.34	83	548429	27.895	ug/L		92
40) 1,2-Dichloropropane	9.37	63	357731	29.359	ug/L		99
41) Bromodichloromethane	9.64	83	392659	28.119	ug/L		99
42) cis-1,3-Dichloropropene	10.07	75	477842	27.618	ug/L		98
43) 4-Methyl-2-pentanone	10.21	43	416174	52.089	ug/L		95

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) Toluene	10.38	91	1311835	28.380	ug/L		98
45) trans-1,3-Dichloropropene	10.60	75	387826	27.835	ug/L		99
46) 1,1,2-Trichloroethane	10.79	97	199055	24.816	ug/L		96
47) Tetrachloroethene	10.86	164	195946	23.628	ug/L		93
49) 2-Hexanone	10.96	43	311254	55.461	ug/L	#	95
50) Dibromochloromethane	11.13	129	212214	24.617	ug/L		96
51) 1,2-Dibromoethane	11.23	107	175887	23.567	ug/L		96
52) Chlorobenzene	11.65	112	721770	25.540	ug/L		92
53) Ethylbenzene	11.73	91	1405808	27.800	ug/L		96
54) m,p-Xylene	11.84	106	502963	27.230	ug/L		93
55) o-xylene	12.16	106	465438	26.476	ug/L		93
56) Styrene	12.18	104	817194	27.505	ug/L		96
57) Isopropylbenzene	12.46	105	1272042	26.943	ug/L		98
58) 1,1,2,2-Tetrachloroethane	12.71	83	251555	25.126	ug/L		97
59) 1,2,3-Trichloropropane	12.77	75	189680	25.182	ug/L		99
62) Bromoform	12.35	173	104495	23.529	ug/L		99
63) 1,3-Dichlorobenzene	13.49	146	491191	24.960	ug/L		97
64) 1,4-Dichlorobenzene	13.58	146	495087	24.975	ug/L		96
65) 1,2-Dichlorobenzene	13.87	146	446029	24.780	ug/L		97
66) 1,2-Dibromo-3-chloropropan	14.48	75	39046	25.441	ug/L		83
67) 1,3,5-Trichlorobenzene	14.63	180	331927	23.551	ug/L		99
68) 1,2,4-trichlorobenzene	15.13	180	247337	22.211	ug/L		99
69) Naphthalene	15.36	128	219074	10.001	ug/L		99
70) 1,2,3-Trichlorobenzene	15.55	180	228391	22.212	ug/L		99

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

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