Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020320\
Data File : VW014826.D
Acq On : 03 Feb 2020 10:28
Operator : SY/VA
Sample : VSTD00506
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD00506

Quant Time: Feb 03 11:41:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis
QLast Update : Mon Feb 03 11:38:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	708933	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.63	117	649943	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	287059	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.35	65	50069	4.46	ug/L		0.00
7) Chloroethane-d5	2.88	69	54683	5.73	ug/L		0.00
10) 1,1-Dichloroethene-d2	4.02	63	120214	5.92	ug/L		0.00
20) 2-Butanone-d5	7.07	46	39948	12.53	ug/L		0.00
24) Chloroform-d	7.65	84	118601	6.06	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.30	65	66508	6.31	ug/L		0.00
29) Benzene-d6	8.27	84	232742	5.69	ug/L		0.00
33) 1,2-Dichloropropane-d6	9.27	67	77571	6.10	ug/L		0.00
37) Toluene-d8	10.32	98	199209	5.47	ug/L		0.00
38) trans-1,3-Dichloropropene-	10.57	79	28330	5.59	ug/L		0.00
39) 2-Hexanone-d5	10.92	63	24291	10.18	ug/L		0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	60769	6.09	ug/L		0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	64157	5.70	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.01	85	47256	5.421	ug/L		99
3) Chloromethane	2.21	50	64199	6.313	ug/L		99
5) Vinyl chloride	2.37	62	61503	4.298	ug/L		96
6) Bromomethane	2.78	94	38667	5.170	ug/L		99
8) Chloroethane	2.93	64	41680	5.377	ug/L		94
9) Trichlorofluoromethane	3.26	101	38480	5.601	ug/L		98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	58001	5.910	ug/L	#	72
12) 1,1-Dichloroethene	4.04	96	53151	5.492	ug/L		97
13) Acetone	4.12	43	50604	14.819	ug/L		100
14) Carbon disulfide	4.38	76	164262	5.185	ug/L		99
15) Methyl Acetate	4.67	43	33511	6.576	ug/L		98
16) Methylene chloride	4.91	84	81747	6.823	ug/L		96
17) Methyl tert-butyl Ether	5.43	73	63014	4.926	ug/L	#	89
18) trans-1,2-Dichloroethene	5.42	96	54237	5.424	ug/L		97
19) 1,1-Dichloroethane	6.21	63	112076	5.977	ug/L		97
21) 2-Butanone	7.17	43	47984	12.550	ug/L		82
22) cis-1,2-Dichloroethene	7.16	96	54210	5.178	ug/L		98
23) Bromochloromethane	7.51	128	24358	5.325	ug/L		94
25) Chloroform	7.67	83	102965	5.885	ug/L		100
27) 1,2-Dichloroethane	8.40	62	72815	6.299	ug/L	#	94
30) Cyclohexane	7.96	56	90019	5.072	ug/L		98
31) 1,1,1-Trichloroethane	7.87	97	79459	5.599	ug/L		98
32) Carbon tetrachloride	8.07	117	71106	5.346	ug/L		99
34) Benzene	8.32	78	235162	5.649	ug/L		100
35) Trichloroethene	9.09	95	57152	5.405	ug/L		99
36) Methylcyclohexane	9.33	83	95678	5.201	ug/L		99
40) 1,2-Dichloropropane	9.37	63	62243	5.898	ug/L		99
41) Bromodichloromethane	9.64	83	70297	5.574	ug/L		96
42) cis-1,3-Dichloropropene	10.07	75	80044	5.193	ug/L		100
43) 4-Methyl-2-pentanone	10.21	43	83401	12.020	ug/L		97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) Toluene	10.38	91	226942	5.366 ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	67312	5.380 ug/L	97
46) 1,1,2-Trichloroethane	10.78	97	42245	5.865 ug/L	95
47) Tetrachloroethene	10.86	164	42937	5.082 ug/L	99
49) 2-Hexanone	10.97	43	53545	10.733 ug/L	97
50) Dibromochloromethane	11.13	129	43727	5.320 ug/L	99
51) 1,2-Dibromoethane	11.23	107	39359	5.680 ug/L	92
52) Chlorobenzene	11.65	112	141312	5.351 ug/L	97
53) Ethylbenzene	11.73	91	239760	5.187 ug/L	100
54) m,p-Xylene	11.84	106	86837	5.026 ug/L	91
55) o-xylene	12.16	106	78210	4.824 ug/L	98
56) Styrene	12.18	104	132749	4.828 ug/L	98
57) Isopropylbenzene	12.46	105	213441	4.861 ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	53831	5.800 ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	41622	5.970 ug/L	96
62) Bromoform	12.35	173	24376	5.410 ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	101236	5.462 ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	101159	5.446 ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	90287	5.356 ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.48	75	8731	6.315 ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	69905	5.093 ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	50767	4.983 ug/L	99
69) Naphthalene	15.36	128	89676	4.867 ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	47649	5.102 ug/L	96

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

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