Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW031419\
Data File : VW009170.D
Acq On : 14 Mar 2019 15:06
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: Mar 14 15:36:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 14 13:22:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	493822	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.63	117	464097	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	236468	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.36	65	155159	20.20	ug/L		0.01
7) Chloroethane-d5	2.89	69	162266	23.53	ug/L		0.01
10) 1,1-Dichloroethene-d2	4.02	63	324916	25.43	ug/L		0.00
20) 2-Butanone-d5	7.07	46	126266	55.12	ug/L		-0.01
24) Chloroform-d	7.64	84	344572	28.86	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.31	65	204329	28.99	ug/L		0.00
29) Benzene-d6	8.27	84	658765	29.57	ug/L		0.00
33) 1,2-Dichloropropane-d6	9.27	67	199687	30.60	ug/L		0.00
37) Toluene-d8	10.32	98	614144	27.53	ug/L		0.00
38) trans-1,3-Dichloropropene-	10.58	79	101363	30.99	ug/L		0.00
39) 2-Hexanone-d5	10.93	63	101015	56.81	ug/L		0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	196447	29.98	ug/L		0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	236483	28.06	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.01	85	162596	17.140	ug/L		97
3) Chloromethane	2.22	50	167045	17.036	ug/L		100
5) Vinyl chloride	2.37	62	186185	18.520	ug/L		98
6) Bromomethane	2.78	94	140063	21.012	ug/L		98
8) Chloroethane	2.93	64	138341	20.552	ug/L		95
9) Trichlorofluoromethane	3.26	101	132537	11.025	ug/L		100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	155235	21.864	ug/L		99
12) 1,1-Dichloroethene	4.03	96	149213	24.224	ug/L		81
13) Acetone	4.12	43	94988	43.707	ug/L		98
14) Carbon disulfide	4.38	76	430449	20.223	ug/L		99
15) Methyl Acetate	4.67	43	94570	21.817	ug/L		92
16) Methylene chloride	4.92	84	156167	19.557	ug/L		85
17) Methyl tert-butyl Ether	5.42	73	215061	12.415	ug/L		98
18) trans-1,2-Dichloroethene	5.42	96	157825	23.273	ug/L		93
19) 1,1-Dichloroethane	6.21	63	285244	24.773	ug/L		98
21) 2-Butanone	7.17	43	135137	44.438	ug/L		95
22) cis-1,2-Dichloroethene	7.16	96	171228	23.542	ug/L		93
23) Bromochloromethane	7.51	128	79661	23.936	ug/L	#	85
25) Chloroform	7.67	83	297723	24.562	ug/L		100
27) 1,2-Dichloroethane	8.40	62	220150	24.974	ug/L	#	93
30) Cyclohexane	7.95	56	270816	24.792	ug/L		94
31) 1,1,1-Trichloroethane	7.87	97	228857	21.360	ug/L		95
32) Carbon tetrachloride	8.06	117	232152	23.709	ug/L		97
34) Benzene	8.32	78	637517	25.321	ug/L		100
35) Trichloroethene	9.09	95	166826	24.549	ug/L		98
36) Methylcyclohexane	9.34	83	296352	24.577	ug/L		95
40) 1,2-Dichloropropane	9.37	63	161154	25.911	ug/L		99
41) Bromodichloromethane	9.64	83	223838	26.469	ug/L		98
42) cis-1,3-Dichloropropene	10.07	75	264335	26.202	ug/L		96
43) 4-Methyl-2-pentanone	10.21	43	292296	52.041	ug/L		94

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Quant Title : VOC Analysis
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) Toluene	10.38	91	693545	23.961 ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	231511	25.699 ug/L	96
46) 1,1,2-Trichloroethane	10.79	97	127972	24.610 ug/L	97
47) Tetrachloroethene	10.86	164	140031	22.635 ug/L	95
49) 2-Hexanone	10.97	43	220309	50.006 ug/L #	89
50) Dibromochloromethane	11.13	129	159188	25.252 ug/L	98
51) 1,2-Dibromoethane	11.23	107	128774	24.482 ug/L	93
52) Chlorobenzene	11.66	112	443831	22.783 ug/L	97
53) Ethylbenzene	11.73	91	785401	23.353 ug/L	99
54) m,p-Xylene	11.84	106	299745	22.666 ug/L	91
55) o-xylene	12.16	106	289147	22.728 ug/L	98
56) Styrene	12.18	104	499907	23.429 ug/L	92
57) Isopropylbenzene	12.46	105	786263	23.167 ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	171797	24.626 ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	125891	24.407 ug/L	99
62) Bromoform	12.35	173	99855	27.275 ug/L #	98
63) 1,3-Dichlorobenzene	13.50	146	357607	23.170 ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	362649	23.129 ug/L	94
65) 1,2-Dichlorobenzene	13.87	146	338051	23.647 ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	31576	24.876 ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	273550	22.511 ug/L	98
68) 1,2,4-trichlorobenzene	15.14	180	234299	22.385 ug/L	96
69) Naphthalene	15.37	128	498118	23.116 ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	215094	22.363 ug/L	97

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

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