

Data File : VW001880.D

Acq On : 05 Apr 2018 14:50

Operator : JC/SY

Sample : VSTD10085

Misc : 5.00G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD10085

Quant Time: Apr 05 15:07:55 2018

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040518S.M

Quant Title : VOC Analysis

QLast Update : Thu Apr 05 15:01:36 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	353421	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	345800	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	177759	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	475528	82.24	ug/L	0.00
7) Chloroethane-d5	2.88	69	351868	82.48	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	1099563	91.03	ug/L	0.00
20) 2-Butanone-d5	7.09	46	298283	450.17	ug/L	0.00
24) Chloroform-d	7.65	84	978211	86.68	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	587411	88.35	ug/L	0.00
29) Benzene-d6	8.28	84	1954237	91.39	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	619838	87.91	ug/L	0.00
37) Toluene-d8	10.34	98	1917897	98.91	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	289927	99.81	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	373990	373.32	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.71	84	619906	102.30	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.87	152	670043	94.25	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	830198	106.20	ug/L	99
3) Chloromethane	2.22	50	741015	93.01	ug/L	98
5) Vinyl chloride	2.36	62	705540	106.03	ug/L	98
6) Bromomethane	2.76	94	322127	119.97	ug/L	99
8) Chloroethane	2.92	64	366779	102.00	ug/L	97
9) Trichlorofluoromethane	3.26	101	938131	97.73	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	572520	98.98	ug/L	99
12) 1,1-Dichloroethene	4.03	96	539296	105.23	ug/L	92
13) Acetone	4.13	43	337094	171.92	ug/L	99
14) Carbon disulfide	4.37	76	1880867	101.56	ug/L	100
15) Methyl Acetate	4.68	43	428810	128.96	ug/L	98
16) Methylene chloride	4.92	84	571920	78.63	ug/L	100
17) Methyl tert-butyl Ether	5.43	73	1371128	120.70	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	584751	108.81	ug/L	100
19) 1,1-Dichloroethane	6.22	63	1059312	101.66	ug/L	99
21) 2-Butanone	7.18	43	568404	249.08	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	614314	112.07	ug/L	97
23) Bromochloromethane	7.52	128	262719	109.11	ug/L	96
25) Chloroform	7.68	83	1081294	99.00	ug/L	100
27) 1,2-Dichloroethane	8.40	62	767903	99.64	ug/L	99
30) Cyclohexane	7.95	56	1103583	127.06	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	957327	105.23	ug/L	99
32) Carbon tetrachloride	8.07	117	865988	104.70	ug/L	99
34) Benzene	8.33	78	2339017	104.45	ug/L	100
35) Trichloroethene	9.10	95	616063	102.80	ug/L	100
36) Methylcyclohexane	9.34	83	1107544	117.87	ug/L	99
40) 1,2-Dichloropropane	9.38	63	612915	99.17	ug/L	100
41) Bromodichloromethane	9.65	83	768049	99.53	ug/L	97
42) cis-1,3-Dichloropropene	10.08	75	967001	116.31	ug/L	98
43) 4-Methyl-2-pentanone	10.22	43	1216381	285.55	ug/L	98

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44) Toluene	10.40	91	2593200	111.81	ug/L	100
45) trans-1,3-Dichloropropene	10.62	75	854804	115.08	ug/L	100
46) 1,1,2-Trichloroethane	10.80	97	465923	101.61	ug/L	97
47) Tetrachloroethene	10.87	164	496446	106.64	ug/L	99
49) 2-Hexanone	10.98	43	892925	288.66	ug/L	99
50) Dibromochloromethane	11.14	129	556292	105.17	ug/L	99
51) 1,2-Dibromoethane	11.24	107	461090	112.49	ug/L	95
52) Chlorobenzene	11.67	112	1576537	103.94	ug/L	99
53) Ethylbenzene	11.74	91	2956840	116.15	ug/L	99
54) m,p-Xylene	11.85	106	1094623	117.18	ug/L	99
55) o-xylene	12.18	106	1032767	118.13	ug/L	100
56) Styrene	12.19	104	1771196	116.08	ug/L	97
57) Isopropylbenzene	12.48	105	2842557	121.35	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.73	83	654993	111.22	ug/L	98
59) 1,2,3-Trichloropropane	12.78	75	523369	114.87	ug/L	98
62) Bromoform	12.36	173	360850	110.26	ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	1234211	108.91	ug/L	100
64) 1,4-Dichlorobenzene	13.59	146	1264895	101.93	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	1160762	103.12	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.50	75	132118	117.96	ug/L	96
67) 1,3,5-Trichlorobenzene	14.65	180	956749	108.61	ug/L	100
68) 1,2,4-trichlorobenzene	15.15	180	784043	114.10	ug/L	99
69) Naphthalene	15.39	128	1873565	138.82	ug/L	99
70) 1,2,3-Trichlorobenzene	15.58	180	731152	110.79	ug/L	99

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

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