

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062018\
 Data File : VW003343.D
 Acq On : 20 Jun 2018 09:37
 Operator : SY/AP
 Sample : VSTD2.586
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.586

Quant Time: Jun 20 11:34:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 20 11:34:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	399651	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	370269	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	181217	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	13792	2.69	ug/L	0.00
7) Chloroethane-d5	2.89	69	11304	2.26	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	28105	2.74	ug/L	0.00
20) 2-Butanone-d5	7.10	46	7908	4.49	ug/L	0.00
24) Chloroform-d	7.65	84	27641	2.63	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	16164	2.57	ug/L	0.00
29) Benzene-d6	8.28	84	49303	2.52	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	16306	2.63	ug/L	0.00
37) Toluene-d8	10.33	98	45155	2.37	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	7199	2.45	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	5187	3.77	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	14639	2.44	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.87	152	18182	2.55	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	4921	2.96	ug/L	92
3) Chloromethane	2.21	50	13697	3.28	ug/L	99
5) Vinyl chloride	2.36	62	18787	2.90	ug/L	99
6) Bromomethane	2.78	94	10552	2.55	ug/L	99
8) Chloroethane	2.93	64	10828	2.50	ug/L	95
9) Trichlorofluoromethane	3.26	101	10873	2.59	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	14310	2.87	ug/L #	92
12) 1,1-Dichloroethene	4.03	96	13281	2.81	ug/L	84
13) Acetone	4.15	43	9269	5.16	ug/L	66
14) Carbon disulfide	4.37	76	42230	2.75	ug/L	98
15) Methyl Acetate	4.68	43	7443	2.66	ug/L #	80
16) Methylene chloride	4.90	84	16649	2.73	ug/L	100
17) Methyl tert-butyl Ether	5.43	73	22848	2.54	ug/L #	91
18) trans-1,2-Dichloroethene	5.42	96	13318	2.68	ug/L	97
19) 1,1-Dichloroethane	6.21	63	25477	2.81	ug/L	95
21) 2-Butanone	7.19	43	9797	4.80	ug/L	78
22) cis-1,2-Dichloroethene	7.17	96	13634	2.59	ug/L	96
23) Bromochloromethane	7.52	128	6761	2.70	ug/L	85
25) Chloroform	7.68	83	26440	2.76	ug/L	99
27) 1,2-Dichloroethane	8.41	62	18337	2.67	ug/L	100
30) Cyclohexane	7.96	56	19609	2.39	ug/L	100
31) 1,1,1-Trichloroethane	7.88	97	21462	2.75	ug/L	96
32) Carbon tetrachloride	8.07	117	20209	2.70	ug/L	99
34) Benzene	8.33	78	53603	2.64	ug/L	100
35) Trichloroethene	9.09	95	14867	2.74	ug/L	97
36) Methylcyclohexane	9.34	83	23214	2.49	ug/L	99
40) 1,2-Dichloropropane	9.37	63	14356	2.75	ug/L #	97
41) Bromodichloromethane	9.65	83	18440	2.73	ug/L	95
42) cis-1,3-Dichloropropene	10.07	75	19152	2.38	ug/L	100
43) 4-Methyl-2-pentanone	10.22	43	17670	4.46	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

44) Toluene	10.39	91	55632	2.52	ug/L	97
45) trans-1,3-Dichloropropene	10.61	75	17147	2.36	ug/L	92
46) 1,1,2-Trichloroethane	10.79	97	10314	2.56	ug/L	92
47) Tetrachloroethene	10.87	164	12493	2.75	ug/L	95
49) 2-Hexanone	10.98	43	11174	3.91	ug/L	100
50) Dibromochloromethane	11.13	129	12326	2.52	ug/L	92
51) 1,2-Dibromoethane	11.24	107	10271	2.58	ug/L #	99
52) Chlorobenzene	11.66	112	38563	2.67	ug/L	95
53) Ethylbenzene	11.74	91	59336	2.37	ug/L	99
54) m,p-Xylene	11.84	106	21626	2.34	ug/L	95
55) o-xylene	12.18	106	20761	2.36	ug/L	86
56) Styrene	12.19	104	33638	2.19	ug/L	98
57) Isopropylbenzene	12.47	105	55437	2.26	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	12912	2.42	ug/L #	97
59) 1,2,3-Trichloropropane	12.78	75	10110	2.49	ug/L	99
62) Bromoform	12.35	173	7120	2.41	ug/L #	98
63) 1,3-Dichlorobenzene	13.51	146	28491	2.64	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	31078	2.76	ug/L	95
65) 1,2-Dichlorobenzene	13.88	146	26947	2.64	ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.49	75	2254	2.58	ug/L	85
67) 1,3,5-Trichlorobenzene	14.64	180	22172	2.63	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	17385	2.52	ug/L	98
69) Naphthalene	15.38	128	27887	2.13	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	15346	2.39	ug/L	96

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

