

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122718\
 Data File : VW007917.D
 Acq On : 26 Dec 2018 10:43
 Operator : SY/AP
 Sample : VSTD10085
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10085

Quant Time: Dec 26 11:08:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 26 10:32:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	109291	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	97355	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	48325	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	99434	139.68	ug/L	0.00
7) Chloroethane-d5	2.89	69	69209	114.80	ug/L	-0.01
10) 1,1-Dichloroethene-d2	4.01	63	269086	109.59	ug/L	0.00
20) 2-Butanone-d5	7.07	46	75462	168.18	ug/L	0.00
24) Chloroform-d	7.65	84	267206	103.65	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	157303	107.20	ug/L	0.00
29) Benzene-d6	8.27	84	500249	94.61	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	136179	90.25	ug/L	0.00
37) Toluene-d8	10.32	98	487612	98.36	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	79466	103.02	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	62414	171.83	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120297	87.50	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	165557	97.38	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	117188	98.182	ug/L	96
3) Chloromethane	2.22	50	89542	93.714	ug/L	95
5) Vinyl chloride	2.37	62	107904	119.703	ug/L	98
6) Bromomethane	2.78	94	68772	110.300	ug/L	98
8) Chloroethane	2.93	64	56528	104.176	ug/L	99
9) Trichlorofluoromethane	3.26	101	115819	111.929	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	133592	96.849	ug/L	99
12) 1,1-Dichloroethene	4.03	96	126544	98.593	ug/L	97
13) Acetone	4.12	43	74908	143.565	ug/L	98
14) Carbon disulfide	4.37	76	406188	108.386	ug/L	100
15) Methyl Acetate	4.67	43	60514	77.344	ug/L	99
16) Methylene chloride	4.91	84	126950	71.889	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	210428	100.826	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	137233	99.664	ug/L	96
19) 1,1-Dichloroethane	6.21	63	225990	96.283	ug/L	98
21) 2-Butanone	7.17	43	85662	152.747	ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	145166	95.803	ug/L	94
23) Bromochloromethane	7.51	128	66349	96.052	ug/L	96
25) Chloroform	7.68	83	253594	99.855	ug/L	100
27) 1,2-Dichloroethane	8.40	62	185567	102.217	ug/L	# 95
30) Cyclohexane	7.95	56	209506	89.703	ug/L	97
31) 1,1,1-Trichloroethane	7.87	97	231309	100.948	ug/L	98
32) Carbon tetrachloride	8.07	117	226504	102.293	ug/L	99
34) Benzene	8.32	78	507170	90.885	ug/L	100
35) Trichloroethene	9.09	95	148355	92.713	ug/L	99
36) Methylcyclohexane	9.34	83	255463	92.481	ug/L	98
40) 1,2-Dichloropropane	9.37	63	119224	87.343	ug/L	99
41) Bromodichloromethane	9.65	83	185774	94.783	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	218139	95.158	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	166024	153.666	ug/L	98

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44) Toluene	10.39	91	567709	94.386	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	199191	98.946	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	100770	89.655	ug/L	99
47) Tetrachloroethene	10.87	164	116382	96.285	ug/L	98
49) 2-Hexanone	10.97	43	121879	160.504	ug/L	97
50) Dibromochloromethane	11.13	129	134536	97.434	ug/L	96
51) 1,2-Dibromoethane	11.24	107	103250	91.466	ug/L	98
52) Chlorobenzene	11.66	112	367502	94.144	ug/L	100
53) Ethylbenzene	11.73	91	657942	97.282	ug/L	99
54) m,p-Xylene	11.84	106	249397	97.073	ug/L	99
55) o-xylene	12.17	106	230466	94.922	ug/L	100
56) Styrene	12.18	104	399582	96.010	ug/L	96
57) Isopropylbenzene	12.47	105	664431	98.051	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	116796	83.823	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	93362	84.649	ug/L	100
62) Bromoform	12.35	173	77254	93.349	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	294336	94.807	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	291099	94.055	ug/L	94
65) 1,2-Dichlorobenzene	13.88	146	260232	93.661	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	25081	85.228	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	211511	94.051	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	182585	94.171	ug/L	98
69) Naphthalene	15.38	128	403777	84.251	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	160967	91.319	ug/L	99

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

