

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082218\
 Data File : VW004889.D
 Acq On : 22 Aug 2018 17:24
 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: Aug 22 17:46:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 22 17:23:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	686546	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	673932	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	351320	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	1180500	88.96	ug/L	0.00
7) Chloroethane-d5	2.88	69	853451	86.27	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	1539567	91.29	ug/L	0.00
20) 2-Butanone-d5	7.09	46	559730	215.15	ug/L	0.00
24) Chloroform-d	7.65	84	1285410	81.15	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	702943	81.78	ug/L	0.00
29) Benzene-d6	8.28	84	3579989	104.12	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	1004323	98.26	ug/L	0.00
37) Toluene-d8	10.33	98	3866372	106.69	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	478770	111.84	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	654068	279.91	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	1099803	109.51	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	1408230	99.73	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	1211544	92.38	ug/L	100
3) Chloromethane	2.22	50	1376836	92.70	ug/L	100
5) Vinyl chloride	2.36	62	1413996	94.30	ug/L	100
6) Bromomethane	2.78	94	747020	95.29	ug/L	100
8) Chloroethane	2.92	64	771547	91.57	ug/L	97
9) Trichlorofluoromethane	3.26	101	1381385	90.30	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	762895	81.95	ug/L	99
12) 1,1-Dichloroethene	4.04	96	760968	94.08	ug/L	93
13) Acetone	4.15	43	366220	174.45	ug/L	98
14) Carbon disulfide	4.38	76	3346999	101.33	ug/L	99
15) Methyl Acetate	4.68	43	478298	104.29	ug/L	98
16) Methylene chloride	4.92	84	1043169	74.34	ug/L	96
17) Methyl tert-butyl Ether	5.43	73	1759898	102.43	ug/L	100
18) trans-1,2-Dichloroethene	5.43	96	764292	89.99	ug/L	97
19) 1,1-Dichloroethane	6.23	63	1330071	84.90	ug/L	96
21) 2-Butanone	7.18	43	636097	202.43	ug/L	98
22) cis-1,2-Dichloroethene	7.18	96	826603	90.24	ug/L	99
23) Bromochloromethane	7.52	128	451159	93.98	ug/L	98
25) Chloroform	7.68	83	1298660	82.26	ug/L	100
27) 1,2-Dichloroethane	8.40	62	854643	82.66	ug/L	99
30) Cyclohexane	7.96	56	1619794	116.67	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	1236666	94.16	ug/L	99
32) Carbon tetrachloride	8.07	117	1130098	96.69	ug/L	99
34) Benzene	8.33	78	3986848	104.74	ug/L	100
35) Trichloroethene	9.10	95	984954	103.88	ug/L	99
36) Methylcyclohexane	9.34	83	2067983	122.21	ug/L	99
40) 1,2-Dichloropropane	9.37	63	939619	99.26	ug/L	100
41) Bromodichloromethane	9.65	83	984553	93.25	ug/L	95
42) cis-1,3-Dichloropropene	10.08	75	1434978	111.98	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	1727400	263.20	ug/L	99

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44) Toluene	10.39	91	4828400	105.86	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	1326648	114.77	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	761386	104.03	ug/L	99
47) Tetrachloroethene	10.87	164	963203	103.74	ug/L	99
49) 2-Hexanone	10.98	43	1318072	258.81	ug/L	98
50) Dibromochloromethane	11.13	129	863010	106.79	ug/L	99
51) 1,2-Dibromoethane	11.24	107	791367	111.86	ug/L	99
52) Chlorobenzene	11.66	112	3072747	100.30	ug/L	99
53) Ethylbenzene	11.74	91	5537508	108.44	ug/L	99
54) m,p-Xylene	11.85	106	2160503	109.23	ug/L	99
55) o-xylene	12.17	106	2052798	111.59	ug/L	99
56) Styrene	12.19	104	3529054	111.67	ug/L	100
57) Isopropylbenzene	12.47	105	5490967	111.79	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	1119622	108.23	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	862208	108.14	ug/L	99
62) Bromoform	12.35	173	621846	114.98	ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	2467380	102.44	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	2502347	98.44	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	2293854	98.64	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	213434	110.89	ug/L	98
67) 1,3,5-Trichlorobenzene	14.64	180	1944181	100.48	ug/L	100
68) 1,2,4-trichlorobenzene	15.15	180	1629288	105.30	ug/L	100
69) Naphthalene	15.38	128	3845200	127.67	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	1512909	103.42	ug/L	100

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

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