

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080218\
 Data File : VW004400.D
 Acq On : 02 Aug 2018 13:43
 Operator : SY/AP
 Sample : VSTD02591
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02591

Quant Time: Aug 02 14:23:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 02 13:58:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	1028915	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1013638	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	521175	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	301308	37.58	ug/L	0.00
7) Chloroethane-d5	2.89	69	264976	33.46	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	631704	27.29	ug/L	0.00
20) 2-Butanone-d5	7.09	46	269988	54.32	ug/L	0.00
24) Chloroform-d	7.65	84	684466	26.91	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	386800	27.16	ug/L	0.00
29) Benzene-d6	8.27	84	1342064	25.64	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	433318	26.72	ug/L	0.00
37) Toluene-d8	10.33	98	1226812	24.53	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	183884	23.46	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	223828	53.75	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	475642	28.08	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	483958	24.30	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	280512	29.857 ug/L	95
3) Chloromethane	2.21	50	354185	39.725 ug/L	95
5) Vinyl chloride	2.37	62	462584	42.029 ug/L	100
6) Bromomethane	2.78	94	271534	34.448 ug/L	97
8) Chloroethane	2.93	64	287780	37.184 ug/L	97
9) Trichlorofluoromethane	3.25	101	216119	23.421 ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	372818	27.407 ug/L	92
12) 1,1-Dichloroethene	4.04	96	357584	27.993 ug/L	91
13) Acetone	4.14	43	234995	54.036 ug/L	99
14) Carbon disulfide	4.38	76	1102815	29.188 ug/L	99
15) Methyl Acetate	4.68	43	242369	27.952 ug/L	95
16) Methylene chloride	4.92	84	428935	26.376 ug/L	93
17) Methyl tert-butyl Ether	5.43	73	500626	24.952 ug/L	96
18) trans-1,2-Dichloroethene	5.42	96	371717	26.810 ug/L	96
19) 1,1-Dichloroethane	6.21	63	703165	29.172 ug/L	98
21) 2-Butanone	7.18	43	333375	56.247 ug/L	95
22) cis-1,2-Dichloroethene	7.17	96	412687	27.006 ug/L	94
23) Bromochloromethane	7.51	128	194903	27.155 ug/L	# 78
25) Chloroform	7.68	83	715991	28.233 ug/L	99
27) 1,2-Dichloroethane	8.40	62	485428	28.338 ug/L	99
30) Cyclohexane	7.96	56	637347	26.625 ug/L	92
31) 1,1,1-Trichloroethane	7.87	97	539713	24.299 ug/L	96
32) Carbon tetrachloride	8.07	117	522482	24.152 ug/L	99
34) Benzene	8.32	78	1609040	27.383 ug/L	100
35) Trichloroethene	9.09	95	396881	25.232 ug/L	95
36) Methylcyclohexane	9.34	83	723657	25.792 ug/L	95
40) 1,2-Dichloropropane	9.37	63	422971	28.696 ug/L	98
41) Bromodichloromethane	9.65	83	506085	26.537 ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	592211	25.614 ug/L	99
43) 4-Methyl-2-pentanone	10.22	43	631886	52.952 ug/L	97

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44) Toluene	10.39	91	1679508	26.579	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	538517	25.943	ug/L	95
46) 1,1,2-Trichloroethane	10.79	97	328094	26.992	ug/L	97
47) Tetrachloroethene	10.87	164	317847	23.533	ug/L	98
49) 2-Hexanone	10.98	43	486416	54.845	ug/L	98
50) Dibromochloromethane	11.13	129	368013	24.852	ug/L	98
51) 1,2-Dibromoethane	11.24	107	315143	26.159	ug/L #	97
52) Chlorobenzene	11.66	112	1094297	26.017	ug/L	96
53) Ethylbenzene	11.74	91	1881609	26.322	ug/L	98
54) m,p-Xylene	11.85	106	713148	26.373	ug/L	96
55) o-xylene	12.17	106	680995	26.664	ug/L	92
56) Styrene	12.19	104	1211075	27.394	ug/L	98
57) Isopropylbenzene	12.47	105	1851731	25.860	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.72	83	470678	28.204	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	353326	27.499	ug/L	97
62) Bromoform	12.35	173	242210	24.913	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	830137	24.694	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	890739	25.754	ug/L	95
65) 1,2-Dichlorobenzene	13.88	146	835493	26.290	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	80404	25.676	ug/L	90
67) 1,3,5-Trichlorobenzene	14.64	180	657217	24.659	ug/L	97
68) 1,2,4-trichlorobenzene	15.15	180	536097	23.685	ug/L	98
69) Naphthalene	15.38	128	1268190	24.792	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	533339	25.465	ug/L	99

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

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