

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW113018\
 Data File : VW007140.D
 Acq On : 30 Nov 2018 12:48
 Operator : SY/AP
 Sample : VSTD05084
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05084

Quant Time: Nov 30 14:33:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 30 13:02:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	150013	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	143689	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	72030	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	59128	50.63	ug/L	0.00
7) Chloroethane-d5	2.89	69	43235	47.40	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	158050	48.63	ug/L	0.00
20) 2-Butanone-d5	7.08	46	50612	103.26	ug/L	0.00
24) Chloroform-d	7.65	84	156561	56.72	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	88154	45.34	ug/L	0.00
29) Benzene-d6	8.28	84	341076	50.54	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	99785	48.97	ug/L	0.00
37) Toluene-d8	10.33	98	352432	49.73	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	48953	52.27	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	47446	119.25	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	89478	54.22	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	127772	49.15	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	133136	48.480	ug/L 99
3) Chloromethane	2.22	50	92802	52.772	ug/L 99
5) Vinyl chloride	2.36	62	84038	49.540	ug/L 99
6) Bromomethane	2.77	94	48634	55.417	ug/L 97
8) Chloroethane	2.92	64	41747	47.649	ug/L 97
9) Trichlorofluoromethane	3.26	101	157512	50.349	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	92445	48.355	ug/L 98
12) 1,1-Dichloroethene	4.04	96	83019	51.155	ug/L 98
13) Acetone	4.13	43	27776	74.075	ug/L 98
14) Carbon disulfide	4.39	76	309985	54.169	ug/L 99
15) Methyl Acetate	4.68	43	46001	54.252	ug/L 98
16) Methylene chloride	4.92	84	102109	45.102	ug/L 99
17) Methyl tert-butyl Ether	5.43	73	222050	50.787	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	92001	50.206	ug/L 99
19) 1,1-Dichloroethane	6.23	63	154388	51.505	ug/L 99
21) 2-Butanone	7.17	43	50940	87.747	ug/L 96
22) cis-1,2-Dichloroethene	7.18	96	97819	51.018	ug/L 96
23) Bromochloromethane	7.52	128	44456	53.646	ug/L 93
25) Chloroform	7.68	83	162476	43.273	ug/L 100
27) 1,2-Dichloroethane	8.40	62	112420	51.295	ug/L 99
30) Cyclohexane	7.96	56	161607	51.045	ug/L 99
31) 1,1,1-Trichloroethane	7.88	97	150184	49.395	ug/L 99
32) Carbon tetrachloride	8.07	117	135907	49.482	ug/L 98
34) Benzene	8.33	78	386004	54.591	ug/L 100
35) Trichloroethene	9.10	95	103928	52.599	ug/L 99
36) Methylcyclohexane	9.34	83	189612	53.964	ug/L 98
40) 1,2-Dichloropropane	9.37	63	93481	53.371	ug/L 99
41) Bromodichloromethane	9.65	83	118659	50.672	ug/L 99
42) cis-1,3-Dichloropropene	10.07	75	152171	54.416	ug/L 100
43) 4-Methyl-2-pentanone	10.21	43	133583	117.938	ug/L 100

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44) Toluene	10.39	91	449174	53.898	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	134204	56.062	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	72006	54.067	ug/L	98
47) Tetrachloroethene	10.87	164	87445	53.722	ug/L	96
49) 2-Hexanone	10.97	43	90644	106.192	ug/L	98
50) Dibromochloromethane	11.13	129	91996	56.385	ug/L	98
51) 1,2-Dibromoethane	11.24	107	74684	55.997	ug/L #	99
52) Chlorobenzene	11.66	112	293180	53.365	ug/L	98
53) Ethylbenzene	11.74	91	518516	52.948	ug/L	99
54) m,p-Xylene	11.84	106	200794	52.193	ug/L	96
55) o-xylene	12.17	106	188091	52.490	ug/L	95
56) Styrene	12.18	104	323254	53.947	ug/L	97
57) Isopropylbenzene	12.47	105	519887	53.048	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	92636	58.708	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	71593	56.582	ug/L	100
62) Bromoform	12.35	173	52119	57.871	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	237853	53.951	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	235512	53.482	ug/L	97
65) 1,2-Dichlorobenzene	13.88	146	216962	54.577	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	18412	62.722	ug/L #	92
67) 1,3,5-Trichlorobenzene	14.63	180	174991	59.603	ug/L	100
68) 1,2,4-trichlorobenzene	15.14	180	149718	61.795	ug/L	99
69) Naphthalene	15.38	128	338344	67.444	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	132450	62.199	ug/L	98

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

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