

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092818\
 Data File : VW005721.D
 Acq On : 28 Sep 2018 14:02
 Operator : SY/AP
 Sample : VSTD05083
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05083

Quant Time: Sep 28 14:32:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 28 14:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	235849	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	239500	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	127453	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	156966	49.43	ug/L	0.00
7) Chloroethane-d5	2.90	69	127365	50.32	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	347511	49.73	ug/L	0.00
20) 2-Butanone-d5	7.09	46	117189	94.56	ug/L	-0.01
24) Chloroform-d	7.65	84	334300	52.22	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	207869	53.94	ug/L	0.00
29) Benzene-d6	8.28	84	613208	43.30	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	173992	40.33	ug/L	0.00
37) Toluene-d8	10.33	98	638531	48.99	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	99187	50.12	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	103453	102.65	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	190992	49.01	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	250615	50.76	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	158791	48.374	ug/L 95
3) Chloromethane	2.22	50	128784	37.241	ug/L 95
5) Vinyl chloride	2.37	62	188784	56.350	ug/L 97
6) Bromomethane	2.79	94	111142	53.478	ug/L 98
8) Chloroethane	2.93	64	105900	51.907	ug/L 94
9) Trichlorofluoromethane	3.26	101	150001	51.635	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	172935	55.771	ug/L 99
12) 1,1-Dichloroethene	4.04	96	157141	53.864	ug/L 89
13) Acetone	4.14	43	104834	98.800	ug/L 73
14) Carbon disulfide	4.38	76	480319	50.709	ug/L 98
15) Methyl Acetate	4.68	43	100696	48.622	ug/L 98
16) Methylene chloride	4.92	84	163817	41.995	ug/L 97
17) Methyl tert-butyl Ether	5.43	73	260255	55.461	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	157865	50.842	ug/L 89
19) 1,1-Dichloroethane	6.22	63	279843	47.246	ug/L 99
21) 2-Butanone	7.18	43	124907	85.876	ug/L 97
22) cis-1,2-Dichloroethene	7.17	96	168811	50.129	ug/L 95
23) Bromochloromethane	7.52	128	79028	52.777	ug/L 97
25) Chloroform	7.68	83	320888	53.669	ug/L 99
27) 1,2-Dichloroethane	8.40	62	235438	53.367	ug/L 97
30) Cyclohexane	7.96	56	260122	41.622	ug/L 99
31) 1,1,1-Trichloroethane	7.87	97	281799	51.515	ug/L 99
32) Carbon tetrachloride	8.07	117	271648	52.126	ug/L 99
34) Benzene	8.33	78	637654	44.116	ug/L 100
35) Trichloroethene	9.10	95	165538	44.278	ug/L 100
36) Methylcyclohexane	9.34	83	294129	43.889	ug/L 98
40) 1,2-Dichloropropane	9.37	63	154812	41.251	ug/L 100
41) Bromodichloromethane	9.65	83	229949	49.694	ug/L 93
42) cis-1,3-Dichloropropene	10.08	75	283491	51.377	ug/L 99
43) 4-Methyl-2-pentanone	10.22	43	294709	97.903	ug/L 99

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

44) Toluene	10.40	91	752366	50.338	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	266190	52.838	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	138311	49.716	ug/L	99
47) Tetrachloroethene	10.87	164	156857	51.458	ug/L	95
49) 2-Hexanone	10.98	43	219141	100.746	ug/L	98
50) Dibromochloromethane	11.13	129	175627	53.681	ug/L	97
51) 1,2-Dibromoethane	11.24	107	135052	51.325	ug/L	94
52) Chlorobenzene	11.66	112	472017	48.738	ug/L	95
53) Ethylbenzene	11.74	91	842327	48.525	ug/L	98
54) m,p-Xylene	11.85	106	332308	52.140	ug/L	99
55) o-xylene	12.17	106	315895	52.367	ug/L	99
56) Styrene	12.19	104	556420	53.618	ug/L	98
57) Isopropylbenzene	12.47	105	911035	53.954	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	184482	48.763	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	150517	49.881	ug/L	98
62) Bromoform	12.35	173	119523	54.078	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	389353	48.322	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	408022	49.315	ug/L	96
65) 1,2-Dichlorobenzene	13.88	146	387484	51.120	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	39543	50.287	ug/L	95
67) 1,3,5-Trichlorobenzene	14.64	180	328057	51.975	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	279957	54.076	ug/L	99
69) Naphthalene	15.38	128	625154	56.888	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	263217	53.841	ug/L	98

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

