

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100918\
 Data File : VW005940.D
 Acq On : 09 Oct 2018 13:19
 Operator : SY/AP
 Sample : VSTD10098
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10098

Quant Time: Oct 09 14:15:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 09 14:04:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	401755	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	374078	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	208706	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	397830	77.68	ug/L	0.00
7) Chloroethane-d5	2.89	69	380452	95.21	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	828193	74.06	ug/L	0.00
20) 2-Butanone-d5	7.08	46	266740	162.23	ug/L	0.00
24) Chloroform-d	7.65	84	884553	85.70	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	480203	76.82	ug/L	0.00
29) Benzene-d6	8.27	84	1720549	92.91	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	520952	97.33	ug/L	0.00
37) Toluene-d8	10.33	98	1744310	95.41	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	264994	94.27	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	233178	186.04	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	491456	94.52	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	736888	99.79	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	401505	85.227	ug/L 90
3) Chloromethane	2.22	50	410143	93.461	ug/L 97
5) Vinyl chloride	2.37	62	587369	92.827	ug/L 97
6) Bromomethane	2.78	94	476135	125.066	ug/L 99
8) Chloroethane	2.93	64	376387	106.984	ug/L 100
9) Trichlorofluoromethane	3.26	101	527612	109.128	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	495558	90.732	ug/L 99
12) 1,1-Dichloroethene	4.04	96	463573	88.869	ug/L 86
13) Acetone	4.12	43	274694	160.432	ug/L 99
14) Carbon disulfide	4.38	76	1502885	91.887	ug/L 100
15) Methyl Acetate	4.67	43	220417	72.538	ug/L 100
16) Methylene chloride	4.91	84	463561	69.979	ug/L 100
17) Methyl tert-butyl Ether	5.43	73	701929	84.571	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	501954	93.565	ug/L 97
19) 1,1-Dichloroethane	6.21	63	828503	83.460	ug/L 99
21) 2-Butanone	7.17	43	343012	167.279	ug/L 97
22) cis-1,2-Dichloroethene	7.17	96	553778	94.964	ug/L 98
23) Bromochloromethane	7.52	128	261270	96.535	ug/L 98
25) Chloroform	7.68	83	893157	84.092	ug/L 100
27) 1,2-Dichloroethane	8.40	62	600681	76.813	ug/L 98
30) Cyclohexane	7.96	56	818437	96.531	ug/L 100
31) 1,1,1-Trichloroethane	7.88	97	790399	86.282	ug/L 99
32) Carbon tetrachloride	8.07	117	792790	88.871	ug/L 100
34) Benzene	8.33	78	1920026	90.838	ug/L 100
35) Trichloroethene	9.09	95	549449	97.167	ug/L 100
36) Methylcyclohexane	9.34	83	985109	100.186	ug/L 100
40) 1,2-Dichloropropane	9.37	63	482987	93.765	ug/L 100
41) Bromodichloromethane	9.65	83	681776	94.139	ug/L 99
42) cis-1,3-Dichloropropene	10.07	75	816759	96.015	ug/L 100
43) 4-Methyl-2-pentanone	10.21	43	677604	161.195	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	2202494	93.246	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	721994	91.151	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	393423	91.530	ug/L	99
47) Tetrachloroethene	10.87	164	510092	102.391	ug/L	95
49) 2-Hexanone	10.97	43	545928	185.016	ug/L	99
50) Dibromochloromethane	11.13	129	538106	99.821	ug/L	100
51) 1,2-Dibromoethane	11.24	107	405358	97.545	ug/L	100
52) Chlorobenzene	11.66	112	1478726	95.163	ug/L	99
53) Ethylbenzene	11.74	91	2560518	94.677	ug/L	99
54) m,p-Xylene	11.84	106	1014189	99.538	ug/L	100
55) o-xylene	12.17	106	997503	103.868	ug/L	98
56) Styrene	12.19	104	1756543	104.225	ug/L	98
57) Isopropylbenzene	12.47	105	2740252	99.898	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	494983	90.272	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	364216	81.827	ug/L	100
62) Bromoform	12.35	173	375576	101.198	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	1299191	98.001	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	1295055	93.544	ug/L	100
65) 1,2-Dichlorobenzene	13.88	146	1188572	93.177	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	89196	73.541	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	1052943	96.775	ug/L	100
68) 1,2,4-trichlorobenzene	15.14	180	900034	100.699	ug/L	100
69) Naphthalene	15.38	128	1714866	95.754	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	811740	96.904	ug/L	99

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

