

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081518\
 Data File : VW004662.D
 Acq On : 14 Aug 2018 11:03
 Operator : SY/AP
 Sample : VSTD05093
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05093

Quant Time: Aug 14 11:43:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081418S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 14 11:11:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	1071902	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1030807	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	542920	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	785038	58.88	ug/L	0.00
7) Chloroethane-d5	2.89	69	632455	56.39	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	1486284	54.90	ug/L	0.00
20) 2-Butanone-d5	7.09	46	443143	75.38	ug/L	0.00
24) Chloroform-d	7.65	84	1388223	47.84	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	735736	45.48	ug/L	0.00
29) Benzene-d6	8.28	84	2885731	52.62	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	890059	49.66	ug/L	0.00
37) Toluene-d8	10.33	98	2659880	55.02	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	375099	50.90	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	379987	87.09	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	810245	41.69	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	989654	48.53	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	650116	58.334	ug/L 97
3) Chloromethane	2.22	50	733748	49.846	ug/L 98
5) Vinyl chloride	2.37	62	1031444	53.696	ug/L 98
6) Bromomethane	2.78	94	605750	54.526	ug/L 99
8) Chloroethane	2.93	64	592978	51.456	ug/L 95
9) Trichlorofluoromethane	3.26	101	543593	62.041	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	792464	52.091	ug/L 99
12) 1,1-Dichloroethene	4.03	96	772209	51.956	ug/L 92
13) Acetone	4.14	43	355213	69.744	ug/L 100
14) Carbon disulfide	4.38	76	2712638	59.501	ug/L 99
15) Methyl Acetate	4.68	43	423615	40.808	ug/L 100
16) Methylene chloride	4.92	84	833921	39.169	ug/L 99
17) Methyl tert-butyl Ether	5.43	73	1072985	53.334	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	815634	53.662	ug/L 97
19) 1,1-Dichloroethane	6.21	63	1421125	49.272	ug/L 98
21) 2-Butanone	7.18	43	548678	78.706	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	885701	53.388	ug/L 99
23) Bromochloromethane	7.52	128	394452	49.677	ug/L 96
25) Chloroform	7.68	83	1409778	47.886	ug/L 99
27) 1,2-Dichloroethane	8.40	62	903139	45.663	ug/L 99
30) Cyclohexane	7.96	56	1471685	60.369	ug/L 99
31) 1,1,1-Trichloroethane	7.88	97	1125171	51.376	ug/L 99
32) Carbon tetrachloride	8.07	117	1079713	51.155	ug/L 99
34) Benzene	8.33	78	3287928	51.734	ug/L 100
35) Trichloroethene	9.09	95	816467	51.074	ug/L 99
36) Methylcyclohexane	9.34	83	1639424	58.421	ug/L 99
40) 1,2-Dichloropropane	9.37	63	836909	49.720	ug/L 99
41) Bromodichloromethane	9.65	83	970162	47.982	ug/L 98
42) cis-1,3-Dichloropropene	10.08	75	1237902	53.761	ug/L 98
43) 4-Methyl-2-pentanone	10.21	43	1123964	89.056	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	3398993	53.145	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	1079871	52.172	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	611469	46.728	ug/L	99
47) Tetrachloroethene	10.87	164	666859	52.722	ug/L	99
49) 2-Hexanone	10.98	43	823412	86.818	ug/L	99
50) Dibromochloromethane	11.13	129	709420	48.871	ug/L	97
51) 1,2-Dibromoethane	11.24	107	609529	48.593	ug/L	97
52) Chlorobenzene	11.66	112	2197183	50.799	ug/L	99
53) Ethylbenzene	11.74	91	3875387	53.923	ug/L	100
54) m,p-Xylene	11.85	106	1485894	55.416	ug/L	98
55) o-xylene	12.17	106	1425006	56.088	ug/L	98
56) Styrene	12.19	104	2480215	56.023	ug/L	100
57) Isopropylbenzene	12.47	105	3866315	56.220	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	831792	43.795	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	611745	43.126	ug/L	99
62) Bromoform	12.35	173	452666	45.876	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	1722731	50.994	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	1793986	49.411	ug/L	100
65) 1,2-Dichlorobenzene	13.88	146	1669548	49.323	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	134732	38.749	ug/L	98
67) 1,3,5-Trichlorobenzene	14.64	180	1385129	51.722	ug/L	100
68) 1,2,4-trichlorobenzene	15.15	180	1160322	53.555	ug/L	99
69) Naphthalene	15.38	128	2525006	51.104	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	1093148	51.809	ug/L	99

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

