

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081518\
 Data File : VW004660.D
 Acq On : 14 Aug 2018 10:12
 Operator : SY/AP
 Sample : VSTD00591
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00591

Quant Time: Aug 14 11:11:50 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	957245	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	957296	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	464030	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	79868	6.71	ug/L	0.00
7) Chloroethane-d5	2.90	69	60448	6.03	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	143214	5.92	ug/L	0.00
20) 2-Butanone-d5	7.09	46	46600	8.88	ug/L	0.00
24) Chloroform-d	7.65	84	133919	5.17	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	71090	4.92	ug/L	0.00
29) Benzene-d6	8.28	84	265500	5.21	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	83316	5.01	ug/L	0.00
37) Toluene-d8	10.33	98	235008	5.23	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	33541	4.90	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	30658	7.57	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	83728	4.64	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	92408	5.30	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	49196	4.943 ug/L	97
3) Chloromethane	2.21	50	63802	4.853 ug/L	99
5) Vinyl chloride	2.37	62	100006	5.830 ug/L	98
6) Bromomethane	2.79	94	55290	5.573 ug/L	96
8) Chloroethane	2.93	64	54177	5.264 ug/L	99
9) Trichlorofluoromethane	3.26	101	46699	5.968 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	69073	5.084 ug/L	95
12) 1,1-Dichloroethene	4.04	96	70915	5.343 ug/L	91
13) Acetone	4.14	43	43936	9.660 ug/L	99
14) Carbon disulfide	4.39	76	243377	5.978 ug/L	96
15) Methyl Acetate	4.68	43	44072	4.754 ug/L	98
16) Methylene chloride	4.92	84	105650	5.557 ug/L	97
17) Methyl tert-butyl Ether	5.43	73	87887	4.892 ug/L	# 89
18) trans-1,2-Dichloroethene	5.42	96	73003	5.378 ug/L	97
19) 1,1-Dichloroethane	6.22	63	128668	4.995 ug/L	98
21) 2-Butanone	7.19	43	54617	8.773 ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	72846	4.917 ug/L	94
23) Bromochloromethane	7.52	128	36707	5.177 ug/L	97
25) Chloroform	7.68	83	129386	4.921 ug/L	99
27) 1,2-Dichloroethane	8.40	62	86381	4.891 ug/L	97
30) Cyclohexane	7.96	56	104937	4.635 ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	103271	5.077 ug/L	100
32) Carbon tetrachloride	8.07	117	96622	4.929 ug/L	99
34) Benzene	8.33	78	291517	4.939 ug/L	100
35) Trichloroethene	9.10	95	73375	4.942 ug/L	98
36) Methylcyclohexane	9.34	83	121826	4.675 ug/L	96
40) 1,2-Dichloropropane	9.37	63	74967	4.796 ug/L	99
41) Bromodichloromethane	9.65	83	87426	4.656 ug/L	97
42) cis-1,3-Dichloropropene	10.08	75	94500	4.419 ug/L	100
43) 4-Methyl-2-pentanone	10.22	43	95327	8.133 ug/L	99

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

44) Toluene	10.39	91	286955	4.831	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	87547	4.555	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	59124	4.865	ug/L	98
47) Tetrachloroethene	10.87	164	62078	5.285	ug/L	98
49) 2-Hexanone	10.98	43	71151	8.078	ug/L	97
50) Dibromochloromethane	11.13	129	62936	4.669	ug/L	100
51) 1,2-Dibromoethane	11.24	107	55263	4.744	ug/L #	99
52) Chlorobenzene	11.66	112	201970	5.028	ug/L	98
53) Ethylbenzene	11.74	91	313187	4.692	ug/L	99
54) m,p-Xylene	11.85	106	118162	4.745	ug/L	98
55) o-xylene	12.17	106	109041	4.621	ug/L	97
56) Styrene	12.19	104	184773	4.494	ug/L	98
57) Isopropylbenzene	12.47	105	295395	4.625	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	82670	4.687	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	61388	4.660	ug/L	100
62) Bromoform	12.35	173	40077	4.752	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	143287	4.963	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	157653	5.080	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	145773	5.039	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	13133	4.419	ug/L	89
67) 1,3,5-Trichlorobenzene	14.64	180	116245	5.079	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	90943	4.911	ug/L	100
69) Naphthalene	15.38	128	169225	4.007	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	89167	4.945	ug/L	99

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

