

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092818\
 Data File : VW005720.D
 Acq On : 28 Sep 2018 13:37
 Operator : SY/AP
 Sample : VSTD02582
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02582

Quant Time: Sep 28 14:22:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 28 14:18:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	254810	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	238024	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	124746	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	75851	22.11	ug/L	0.00
7) Chloroethane-d5	2.90	69	60650	22.18	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	171491	22.72	ug/L	0.00
20) 2-Butanone-d5	7.10	46	66150	49.41	ug/L	0.02
24) Chloroform-d	7.65	84	166165	24.02	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	104567	25.11	ug/L	0.00
29) Benzene-d6	8.28	84	313413	22.27	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	92241	21.52	ug/L	0.00
37) Toluene-d8	10.33	98	301054	23.24	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	46278	23.53	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	50036	49.96	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	95278	24.60	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	116223	24.05	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	66719	18.813	ug/L 95
3) Chloromethane	2.21	50	60474	16.186	ug/L 98
5) Vinyl chloride	2.37	62	96020	26.528	ug/L 97
6) Bromomethane	2.79	94	55391	24.669	ug/L 98
8) Chloroethane	2.93	64	55166	25.028	ug/L 99
9) Trichlorofluoromethane	3.26	101	76201	24.279	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	86829	25.918	ug/L 95
12) 1,1-Dichloroethene	4.04	96	80665	25.592	ug/L 81
13) Acetone	4.15	43	60370	52.661	ug/L 74
14) Carbon disulfide	4.38	76	244638	23.906	ug/L 99
15) Methyl Acetate	4.68	43	56228	25.130	ug/L 94
16) Methylene chloride	4.92	84	88827	21.077	ug/L 96
17) Methyl tert-butyl Ether	5.43	73	134828	26.594	ug/L 98
18) trans-1,2-Dichloroethene	5.42	96	84145	25.083	ug/L 94
19) 1,1-Dichloroethane	6.22	63	156980	24.531	ug/L 99
21) 2-Butanone	7.18	43	75824	48.252	ug/L 97
22) cis-1,2-Dichloroethene	7.17	96	92669	25.471	ug/L 99
23) Bromochloromethane	7.52	128	43157	26.677	ug/L 91
25) Chloroform	7.68	83	169565	26.250	ug/L 100
27) 1,2-Dichloroethane	8.40	62	127894	26.833	ug/L 98
30) Cyclohexane	7.96	56	144682	23.294	ug/L 93
31) 1,1,1-Trichloroethane	7.88	97	150642	27.709	ug/L 99
32) Carbon tetrachloride	8.07	117	146705	28.326	ug/L 99
34) Benzene	8.33	78	355188	24.726	ug/L 100
35) Trichloroethene	9.10	95	93691	25.216	ug/L 97
36) Methylcyclohexane	9.34	83	166648	25.021	ug/L 96
40) 1,2-Dichloropropane	9.37	63	87016	23.330	ug/L 99
41) Bromodichloromethane	9.65	83	122078	26.546	ug/L 98
42) cis-1,3-Dichloropropene	10.08	75	141641	25.829	ug/L 97
43) 4-Methyl-2-pentanone	10.22	43	157530	52.656	ug/L 98

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

44) Toluene	10.40	91	385132	25.928	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	132271	26.418	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	71599	25.896	ug/L	98
47) Tetrachloroethene	10.87	164	79826	26.350	ug/L	98
49) 2-Hexanone	10.98	43	116892	54.072	ug/L #	96
50) Dibromochloromethane	11.13	129	90224	27.748	ug/L	99
51) 1,2-Dibromoethane	11.24	107	70240	26.860	ug/L #	93
52) Chlorobenzene	11.66	112	251612	26.141	ug/L	98
53) Ethylbenzene	11.74	91	449025	26.028	ug/L	98
54) m,p-Xylene	11.85	106	165959	26.201	ug/L	97
55) o-xylene	12.17	106	159978	26.685	ug/L	100
56) Styrene	12.19	104	283414	27.480	ug/L	99
57) Isopropylbenzene	12.47	105	457591	27.268	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	98623	26.230	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	81748	27.259	ug/L	98
62) Bromoform	12.35	173	60356	27.901	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	200663	25.444	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	207371	25.608	ug/L	96
65) 1,2-Dichlorobenzene	13.88	146	196823	26.530	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	22143	28.770	ug/L	96
67) 1,3,5-Trichlorobenzene	14.64	180	164988	26.707	ug/L	98
68) 1,2,4-trichlorobenzene	15.15	180	139768	27.583	ug/L	99
69) Naphthalene	15.38	128	311333	28.946	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	133499	27.900	ug/L	100

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

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