

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092818\
 Data File : VW005722.D
 Acq On : 28 Sep 2018 14:28
 Operator : SY/AP
 Sample : VSTD10084
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10084

Quant Time: Sep 28 15:06:45 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	315052	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	295437	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	158453	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	357060	84.18	ug/L	0.00
7) Chloroethane-d5	2.89	69	297727	88.05	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	815252	87.34	ug/L	0.00
20) 2-Butanone-d5	7.09	46	243562	147.13	ug/L	0.00
24) Chloroform-d	7.65	84	810330	94.76	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	492534	95.68	ug/L	0.00
29) Benzene-d6	8.28	84	1538659	88.08	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	452090	84.96	ug/L	0.00
37) Toluene-d8	10.33	98	1514417	94.20	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	236542	96.89	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	213097	171.41	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	408676	85.02	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	571302	93.07	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	356946	81.404	ug/L 95
3) Chloromethane	2.22	50	315426	68.282	ug/L 97
5) Vinyl chloride	2.37	62	418357	93.482	ug/L 99
6) Bromomethane	2.79	94	260544	93.848	ug/L 98
8) Chloroethane	2.93	64	244641	89.766	ug/L 97
9) Trichlorofluoromethane	3.26	101	363231	93.602	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	382786	92.413	ug/L 99
12) 1,1-Dichloroethene	4.03	96	361551	92.775	ug/L 83
13) Acetone	4.14	43	192573	135.863	ug/L 71
14) Carbon disulfide	4.37	76	1088437	86.022	ug/L 100
15) Methyl Acetate	4.68	43	191707	69.296	ug/L 98
16) Methylene chloride	4.91	84	375263	72.016	ug/L 99
17) Methyl tert-butyl Ether	5.43	73	593886	94.741	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	381031	91.865	ug/L 97
19) 1,1-Dichloroethane	6.22	63	700701	88.559	ug/L 100
21) 2-Butanone	7.18	43	255744	131.627	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	426369	94.783	ug/L 99
23) Bromochloromethane	7.52	128	191085	95.530	ug/L 99
25) Chloroform	7.68	83	758418	94.958	ug/L 100
27) 1,2-Dichloroethane	8.40	62	554458	94.085	ug/L 100
30) Cyclohexane	7.96	56	663007	86.001	ug/L 100
31) 1,1,1-Trichloroethane	7.88	97	677489	100.400	ug/L 99
32) Carbon tetrachloride	8.07	117	661400	102.885	ug/L 100
34) Benzene	8.33	78	1584594	88.872	ug/L 100
35) Trichloroethene	9.10	95	428532	92.922	ug/L 99
36) Methylcyclohexane	9.34	83	754874	91.314	ug/L 99
40) 1,2-Dichloropropane	9.37	63	398927	86.172	ug/L 100
41) Bromodichloromethane	9.65	83	565407	99.054	ug/L 99
42) cis-1,3-Dichloropropene	10.08	75	680529	99.980	ug/L 100
43) 4-Methyl-2-pentanone	10.22	43	587258	158.150	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	1759013	95.406	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	622005	100.090	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	308180	89.801	ug/L	96
47) Tetrachloroethene	10.87	164	363414	96.648	ug/L	95
49) 2-Hexanone	10.98	43	424382	158.162	ug/L	99
50) Dibromochloromethane	11.13	129	407937	101.079	ug/L	95
51) 1,2-Dibromoethane	11.24	107	300005	92.427	ug/L	94
52) Chlorobenzene	11.66	112	1141566	95.554	ug/L	98
53) Ethylbenzene	11.74	91	2081533	97.209	ug/L	99
54) m,p-Xylene	11.85	106	778728	99.051	ug/L	99
55) o-xylene	12.17	106	750753	100.891	ug/L	98
56) Styrene	12.19	104	1323658	103.400	ug/L	98
57) Isopropylbenzene	12.47	105	2152143	103.323	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	390419	83.658	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	305629	82.108	ug/L	99
62) Bromoform	12.35	173	263702	95.969	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	960121	95.847	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	971166	94.415	ug/L	97
65) 1,2-Dichlorobenzene	13.88	146	891598	94.614	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	77389	79.162	ug/L	96
67) 1,3,5-Trichlorobenzene	14.64	180	752751	95.927	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	649689	100.942	ug/L	99
69) Naphthalene	15.38	128	1322119	96.773	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	588322	96.797	ug/L	99

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

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