

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091918\
 Data File : VW005519.D
 Acq On : 19 Sep 2018 17:07
 Operator : SY/AP
 Sample : VSTD10095
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10095

Quant Time: Sep 19 17:27:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091918S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 19 17:19:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	378338	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	343854	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	175833	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	586573	134.33	ug/L	0.00
7) Chloroethane-d5	2.89	69	434365	140.69	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	1219854	156.46	ug/L	0.00
20) 2-Butanone-d5	7.08	46	543581	330.53	ug/L	0.00
24) Chloroform-d	7.65	84	1107644	156.97	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	669232	148.30	ug/L	0.00
29) Benzene-d6	8.27	84	2278538	165.05	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	695314	176.46	ug/L	0.00
37) Toluene-d8	10.33	98	2154760	154.08	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	332078	168.43	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	423286	344.99	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	670924	162.80	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	740776	140.37	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	508627	65.216 ug/L	95
3) Chloromethane	2.22	50	553306	77.045 ug/L	99
5) Vinyl chloride	2.37	62	581623	85.006 ug/L	99
6) Bromomethane	2.78	94	319207	90.048 ug/L	99
8) Chloroethane	2.92	64	323750	89.085 ug/L	97
9) Trichlorofluoromethane	3.26	101	496131	55.674 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	511431	105.055 ug/L	99
12) 1,1-Dichloroethene	4.03	96	484706	117.722 ug/L	97
13) Acetone	4.13	43	301082	194.995 ug/L	99
14) Carbon disulfide	4.37	76	1553997	96.136 ug/L	98
15) Methyl Acetate	4.67	43	381635	112.033 ug/L	99
16) Methylene chloride	4.91	84	480120	66.825 ug/L	99
17) Methyl tert-butyl Ether	5.43	73	771244	67.476 ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	504585	109.751 ug/L	99
19) 1,1-Dichloroethane	6.21	63	944165	112.381 ug/L	98
21) 2-Butanone	7.18	43	508075	214.713 ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	551860	112.467 ug/L	97
23) Bromochloromethane	7.51	128	234700	102.637 ug/L	94
25) Chloroform	7.68	83	944314	106.884 ug/L	99
27) 1,2-Dichloroethane	8.40	62	692060	100.911 ug/L	99
30) Cyclohexane	7.96	56	1019830	131.353 ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	817058	104.511 ug/L	99
32) Carbon tetrachloride	8.07	117	792975	109.332 ug/L	99
34) Benzene	8.33	78	2119883	110.660 ug/L	100
35) Trichloroethene	9.09	95	552633	108.689 ug/L	100
36) Methylcyclohexane	9.34	83	1075637	121.885 ug/L	99
40) 1,2-Dichloropropane	9.37	63	553042	116.942 ug/L	100
41) Bromodichloromethane	9.65	83	688433	113.560 ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	858048	122.836 ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	1103317	244.018 ug/L	100

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44) Toluene	10.39	91	2265026	103.191	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	786207	120.130	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	413290	111.334	ug/L	99
47) Tetrachloroethene	10.87	164	446304	96.946	ug/L	97
49) 2-Hexanone	10.98	43	813969	244.876	ug/L	99
50) Dibromochloromethane	11.13	129	496787	112.024	ug/L	97
51) 1,2-Dibromoethane	11.24	107	399627	109.681	ug/L	92
52) Chlorobenzene	11.66	112	1392894	97.248	ug/L	99
53) Ethylbenzene	11.74	91	2639339	103.387	ug/L	99
54) m,p-Xylene	11.85	106	968436	101.317	ug/L	97
55) o-xylene	12.17	106	927641	103.348	ug/L	99
56) Styrene	12.19	104	1610031	103.924	ug/L	100
57) Isopropylbenzene	12.47	105	2646142	106.133	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	588661	115.331	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	472558	108.323	ug/L	99
62) Bromoform	12.35	173	336603	114.248	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	1124774	100.600	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	1122382	97.264	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	1033901	96.591	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	123203	106.075	ug/L	97
67) 1,3,5-Trichlorobenzene	14.64	180	855445	96.627	ug/L	100
68) 1,2,4-trichlorobenzene	15.14	180	717853	98.103	ug/L	100
69) Naphthalene	15.38	128	1744171	108.795	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	659111	95.839	ug/L	100

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

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