

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091418\
 Data File : VW005356.D
 Acq On : 13 Sep 2018 17:04
 Operator : SY/AP
 Sample : VSTD10085
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10085

Quant Time: Sep 13 18:01:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 13 17:26:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	281527	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	275580	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	150629	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	315200	97.78	ug/L	0.00
7) Chloroethane-d5	2.87	69	214634	95.57	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	574882	100.70	ug/L	0.00
20) 2-Butanone-d5	7.09	46	262329	224.62	ug/L	0.00
24) Chloroform-d	7.65	84	547073	103.66	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	344038	103.44	ug/L	0.00
29) Benzene-d6	8.28	84	1220284	112.27	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	355188	113.90	ug/L	0.00
37) Toluene-d8	10.33	98	1270034	114.60	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	183659	118.63	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	242180	259.11	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	369767	114.20	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	490920	110.42	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	601143	102.59	ug/L	100
3) Chloromethane	2.22	50	545880	100.78	ug/L	99
5) Vinyl chloride	2.36	62	516362	100.14	ug/L	100
6) Bromomethane	2.75	94	264263	98.78	ug/L	100
8) Chloroethane	2.91	64	264371	96.43	ug/L	95
9) Trichlorofluoromethane	3.26	101	625115	92.94	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	342179	92.74	ug/L	99
12) 1,1-Dichloroethene	4.04	96	301181	97.56	ug/L	94
13) Acetone	4.13	43	194019	171.79	ug/L	99
14) Carbon disulfide	4.38	76	1283225	105.18	ug/L	99
15) Methyl Acetate	4.68	43	243054	96.92	ug/L	99
16) Methylene chloride	4.92	84	391731	72.54	ug/L	96
17) Methyl tert-butyl Ether	5.43	73	887932	103.19	ug/L	100
18) trans-1,2-Dichloroethene	5.43	96	332444	94.89	ug/L	97
19) 1,1-Dichloroethane	6.23	63	593632	93.29	ug/L	99
21) 2-Butanone	7.18	43	314686	184.07	ug/L	97
22) cis-1,2-Dichloroethene	7.18	96	359436	96.60	ug/L	95
23) Bromochloromethane	7.52	128	171126	97.76	ug/L	97
25) Chloroform	7.68	83	621883	92.89	ug/L	100
27) 1,2-Dichloroethane	8.41	62	479335	91.93	ug/L	98
30) Cyclohexane	7.96	56	703962	112.14	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	611499	96.88	ug/L	99
32) Carbon tetrachloride	8.07	117	574863	97.96	ug/L	99
34) Benzene	8.33	78	1579157	101.40	ug/L	100
35) Trichloroethene	9.10	95	422911	102.34	ug/L	99
36) Methylcyclohexane	9.34	83	778115	109.90	ug/L	98
40) 1,2-Dichloropropane	9.38	63	382941	99.49	ug/L	99
41) Bromodichloromethane	9.65	83	470989	94.87	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	609078	106.85	ug/L	100
43) 4-Methyl-2-pentanone	10.22	43	766580	212.49	ug/L	100

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44) Toluene	10.40	91	1833256	101.95	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	567700	106.72	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	296526	97.98	ug/L	98
47) Tetrachloroethene	10.87	164	373022	100.18	ug/L	99
49) 2-Hexanone	10.98	43	580278	216.36	ug/L	99
50) Dibromochloromethane	11.13	129	377951	103.44	ug/L	99
51) 1,2-Dibromoethane	11.24	107	294180	99.17	ug/L	99
52) Chlorobenzene	11.66	112	1151895	98.45	ug/L	96
53) Ethylbenzene	11.74	91	2153196	103.97	ug/L	99
54) m,p-Xylene	11.85	106	810171	103.60	ug/L	99
55) o-xylene	12.17	106	768440	104.95	ug/L	99
56) Styrene	12.19	104	1339403	106.18	ug/L	98
57) Isopropylbenzene	12.47	105	2167843	106.83	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	407823	98.85	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	341694	97.78	ug/L	100
62) Bromoform	12.35	173	253785	98.99	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	960859	99.11	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	965780	94.88	ug/L	100
65) 1,2-Dichlorobenzene	13.88	146	900703	95.75	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	95182	96.51	ug/L	89
67) 1,3,5-Trichlorobenzene	14.64	180	766979	98.90	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	654027	102.15	ug/L	99
69) Naphthalene	15.38	128	1521357	111.16	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	595897	99.49	ug/L	99

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

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