

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071818\
 Data File : VW004030.D
 Acq On : 18 Jul 2018 13:29
 Operator : VA/AP
 Sample : VSTD10085
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10085

Quant Time: Jul 18 13:51:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 18 13:23:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	342966	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	314831	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	161574	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	257670	62.49	ug/L	0.00
7) Chloroethane-d5	2.89	69	205360	63.52	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	688985	78.02	ug/L	0.00
20) 2-Butanone-d5	7.09	46	401929	280.20	ug/L	0.00
24) Chloroform-d	7.65	84	680182	77.67	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	406085	77.59	ug/L	0.00
29) Benzene-d6	8.27	84	1240266	77.10	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	421920	80.32	ug/L	0.00
37) Toluene-d8	10.33	98	1144187	75.73	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	197103	82.74	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	300221	297.17	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	480339	100.41	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.87	152	441846	76.16	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	282793	192.77	ug/L	# 87
3) Chloromethane	2.21	50	318694	96.88	ug/L	97
5) Vinyl chloride	2.36	62	491190	98.23	ug/L	99
6) Bromomethane	2.77	94	269275	98.70	ug/L	99
8) Chloroethane	2.92	64	264904	88.99	ug/L	97
9) Trichlorofluoromethane	3.25	101	215957	80.64	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	446569	104.65	ug/L	98
12) 1,1-Dichloroethene	4.03	96	437410	104.30	ug/L	96
13) Acetone	4.12	43	401506	277.22	ug/L	99
14) Carbon disulfide	4.37	76	1406621	103.53	ug/L	99
15) Methyl Acetate	4.67	43	359643	134.77	ug/L	99
16) Methylene chloride	4.91	84	437493	89.27	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	891629	110.45	ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	454774	101.45	ug/L	96
19) 1,1-Dichloroethane	6.21	63	837148	99.04	ug/L	100
21) 2-Butanone	7.18	43	535475	303.11	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	488065	102.26	ug/L	97
23) Bromochloromethane	7.51	128	215492	98.22	ug/L	97
25) Chloroform	7.68	83	828521	95.44	ug/L	99
27) 1,2-Dichloroethane	8.40	62	609611	97.42	ug/L	98
30) Cyclohexane	7.96	56	857924	118.30	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	666936	96.31	ug/L	99
32) Carbon tetrachloride	8.07	117	669869	102.21	ug/L	100
34) Benzene	8.32	78	1858959	100.96	ug/L	100
35) Trichloroethene	9.09	95	494911	100.35	ug/L	100
36) Methylcyclohexane	9.34	83	921766	110.87	ug/L	98
40) 1,2-Dichloropropane	9.37	63	487814	99.57	ug/L	100
41) Bromodichloromethane	9.65	83	614018	99.12	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	769810	106.14	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	999611	293.35	ug/L	99

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44) Toluene	10.39	91	1990637	101.11	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	695541	105.54	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	378471	104.05	ug/L	99
47) Tetrachloroethene	10.87	164	399343	99.53	ug/L	95
49) 2-Hexanone	10.98	43	762005	295.32	ug/L	98
50) Dibromochloromethane	11.13	129	449333	103.66	ug/L	97
51) 1,2-Dibromoethane	11.24	107	383934	108.34	ug/L	99
52) Chlorobenzene	11.66	112	1229482	95.74	ug/L	99
53) Ethylbenzene	11.74	91	2230823	100.02	ug/L	99
54) m,p-Xylene	11.85	106	811916	99.00	ug/L	99
55) o-xylene	12.17	106	804129	104.10	ug/L	100
56) Styrene	12.19	104	1377835	102.82	ug/L	100
57) Isopropylbenzene	12.47	105	2221312	103.51	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	544694	114.06	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	424965	116.52	ug/L	100
62) Bromoform	12.35	173	298352	110.42	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	951733	95.16	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	974292	92.05	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	894465	92.72	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	106041	124.21	ug/L	95
67) 1,3,5-Trichlorobenzene	14.64	180	725262	92.79	ug/L	98
68) 1,2,4-trichlorobenzene	15.15	180	614837	97.17	ug/L	99
69) Naphthalene	15.38	128	1569859	123.12	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	571021	97.11	ug/L	99

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

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