

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071818\
 Data File : VW004029.D
 Acq On : 18 Jul 2018 13:03
 Operator : VA/AP
 Sample : VSTD05084
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05084

Quant Time: Jul 18 13:50:24 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	364021	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	337431	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	175631	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	143206	32.72	ug/L	0.00
7) Chloroethane-d5	2.89	69	114160	33.27	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	384199	40.99	ug/L	0.00
20) 2-Butanone-d5	7.09	46	181159	118.99	ug/L	0.00
24) Chloroform-d	7.65	84	391184	42.09	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	232015	41.76	ug/L	0.00
29) Benzene-d6	8.28	84	708371	41.08	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	245915	43.68	ug/L	0.00
37) Toluene-d8	10.33	98	647940	40.01	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	111394	43.63	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	139448	128.79	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	257341	50.19	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.87	152	255017	40.44	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	144240	92.64	ug/L	# 87
3) Chloromethane	2.21	50	189119	54.16	ug/L	96
5) Vinyl chloride	2.36	62	284309	53.57	ug/L	100
6) Bromomethane	2.78	94	153932	53.16	ug/L	99
8) Chloroethane	2.93	64	151443	47.93	ug/L	96
9) Trichlorofluoromethane	3.26	101	131108	46.13	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	248457	54.85	ug/L	98
12) 1,1-Dichloroethene	4.04	96	243117	54.62	ug/L	92
13) Acetone	4.13	43	196140	127.59	ug/L	100
14) Carbon disulfide	4.38	76	797896	55.33	ug/L	99
15) Methyl Acetate	4.67	43	175638	62.01	ug/L	99
16) Methylene chloride	4.92	84	269749	51.86	ug/L	99
17) Methyl tert-butyl Ether	5.43	73	508441	59.34	ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	259113	54.46	ug/L	97
19) 1,1-Dichloroethane	6.21	63	484152	53.96	ug/L	99
21) 2-Butanone	7.18	43	256791	136.95	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	281648	55.60	ug/L	96
23) Bromochloromethane	7.51	128	127089	54.57	ug/L	98
25) Chloroform	7.68	83	490000	53.18	ug/L	100
27) 1,2-Dichloroethane	8.40	62	357028	53.75	ug/L	97
30) Cyclohexane	7.96	56	480684	61.84	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	383051	51.61	ug/L	99
32) Carbon tetrachloride	8.07	117	379527	54.03	ug/L	100
34) Benzene	8.33	78	1084186	54.94	ug/L	100
35) Trichloroethene	9.09	95	281956	53.34	ug/L	99
36) Methylcyclohexane	9.34	83	516485	57.96	ug/L	98
40) 1,2-Dichloropropane	9.37	63	288134	54.87	ug/L	99
41) Bromodichloromethane	9.65	83	360089	54.23	ug/L	97
42) cis-1,3-Dichloropropene	10.08	75	444041	57.12	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	497842	136.31	ug/L	100

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44) Toluene	10.39	91	1162148	55.08	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	400715	56.73	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	219053	56.19	ug/L	98
47) Tetrachloroethene	10.87	164	226880	52.76	ug/L	96
49) 2-Hexanone	10.98	43	373817	135.17	ug/L	99
50) Dibromochloromethane	11.13	129	254476	54.78	ug/L	96
51) 1,2-Dibromoethane	11.24	107	215122	56.64	ug/L	99
52) Chlorobenzene	11.66	112	719219	52.25	ug/L	99
53) Ethylbenzene	11.74	91	1272618	53.24	ug/L	98
54) m,p-Xylene	11.85	106	478273	54.41	ug/L	99
55) o-xylene	12.17	106	467150	56.42	ug/L	98
56) Styrene	12.19	104	817079	56.89	ug/L	99
57) Isopropylbenzene	12.47	105	1282223	55.75	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	297341	58.09	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	225426	57.67	ug/L	99
62) Bromoform	12.35	173	164442	55.99	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	561238	51.62	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	582646	50.64	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	536737	51.19	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	53843	58.02	ug/L	99
67) 1,3,5-Trichlorobenzene	14.64	180	440046	51.79	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	371172	53.96	ug/L	97
69) Naphthalene	15.38	128	866790	62.54	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	343467	53.74	ug/L	99

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

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