

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071818\
 Data File : VW004033.D
 Acq On : 18 Jul 2018 20:00
 Operator : VA/AP
 Sample : VSTD00587
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00587

Quant Time: Jul 19 07:26:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 19 07:11:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	301340	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	283052	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	143212	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	19627	6.58	ug/L	0.00
7) Chloroethane-d5	2.89	69	13847	6.45	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	44682	6.25	ug/L	0.00
20) 2-Butanone-d5	7.09	46	17545	11.82	ug/L	0.00
24) Chloroform-d	7.65	84	44081	6.16	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	26225	6.09	ug/L	0.00
29) Benzene-d6	8.27	84	82885	6.31	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	26485	6.05	ug/L	0.00
37) Toluene-d8	10.33	98	73167	6.20	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	11547	6.00	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	10916	9.26	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	27834	5.80	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.87	152	27920	6.06	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	8022	4.09	ug/L	# 89
3) Chloromethane	2.21	50	17402	5.64	ug/L	97
5) Vinyl chloride	2.36	62	25024	5.39	ug/L	98
6) Bromomethane	2.77	94	13138	5.33	ug/L	99
8) Chloroethane	2.92	64	13071	5.37	ug/L	87
9) Trichlorofluoromethane	3.25	101	13358	5.77	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	21998	5.35	ug/L	94
12) 1,1-Dichloroethene	4.03	96	21921	5.46	ug/L	96
13) Acetone	4.12	43	19787	10.41	ug/L	99
14) Carbon disulfide	4.37	76	68859	5.31	ug/L	99
15) Methyl Acetate	4.67	43	16658	5.14	ug/L	98
16) Methylene chloride	4.90	84	36264	6.27	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	38462	4.96	ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	21666	5.25	ug/L	94
19) 1,1-Dichloroethane	6.21	63	42245	5.38	ug/L	96
21) 2-Butanone	7.18	43	22634	9.60	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	22307	5.05	ug/L	96
23) Bromochloromethane	7.51	128	11487	5.53	ug/L	96
25) Chloroform	7.68	83	43405	5.41	ug/L	100
27) 1,2-Dichloroethane	8.40	62	31800	5.38	ug/L	97
30) Cyclohexane	7.96	56	31391	4.55	ug/L	97
31) 1,1,1-Trichloroethane	7.87	97	35152	5.46	ug/L	99
32) Carbon tetrachloride	8.06	117	33589	5.41	ug/L	99
34) Benzene	8.33	78	93125	5.37	ug/L	100
35) Trichloroethene	9.09	95	24777	5.34	ug/L	99
36) Methylcyclohexane	9.34	83	36741	4.79	ug/L	94
40) 1,2-Dichloropropane	9.37	63	25440	5.41	ug/L	# 96
41) Bromodichloromethane	9.65	83	30903	5.34	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	32481	4.90	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	38758	9.37	ug/L	96

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44) Toluene	10.39	91	95399	5.25	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	30807	5.04	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	19405	5.31	ug/L	94
47) Tetrachloroethene	10.87	164	19668	5.25	ug/L	94
49) 2-Hexanone	10.98	43	30417	9.50	ug/L	98
50) Dibromochloromethane	11.13	129	21605	5.28	ug/L	94
51) 1,2-Dibromoethane	11.24	107	18532	5.19	ug/L	96
52) Chlorobenzene	11.66	112	61775	5.30	ug/L	98
53) Ethylbenzene	11.74	91	99153	5.04	ug/L	98
54) m,p-Xylene	11.85	106	36707	5.06	ug/L	97
55) o-xylene	12.18	106	34252	4.94	ug/L	96
56) Styrene	12.19	104	59484	4.96	ug/L	99
57) Isopropylbenzene	12.47	105	94004	4.94	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	27689	5.30	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	21518	5.32	ug/L	99
62) Bromoform	12.35	173	13753	5.09	ug/L	97
63) 1,3-Dichlorobenzene	13.51	146	44592	5.06	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	49957	5.28	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	45739	5.32	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	4999	4.99	ug/L	98
67) 1,3,5-Trichlorobenzene	14.64	180	36647	5.25	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	28020	5.01	ug/L	98
69) Naphthalene	15.38	128	55194	4.38	ug/L	98
70) 1,2,3-Trichlorobenzene	15.57	180	27403	5.15	ug/L	98

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

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