

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080218\
 Data File : VW004404.D
 Acq On : 02 Aug 2018 16:17
 Operator : SY/AP
 Sample : VSTD2.594
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.594

Quant Time: Aug 02 16:49:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 02 14:26:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	945603	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	945931	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	448948	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	35404	4.81	ug/L	0.00
7) Chloroethane-d5	2.89	69	28521	3.92	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	66311	3.12	ug/L	0.00
20) 2-Butanone-d5	7.10	46	27110	5.93	ug/L	0.00
24) Chloroform-d	7.65	84	74924	3.21	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	41466	3.17	ug/L	0.00
29) Benzene-d6	8.27	84	136254	2.79	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	46223	3.05	ug/L	0.00
37) Toluene-d8	10.33	98	110009	2.36	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	17037	2.33	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	16015	4.12	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	49015	3.10	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	47356	2.76	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	23874	2.765 ug/L	97
3) Chloromethane	2.21	50	33319	4.066 ug/L	97
5) Vinyl chloride	2.37	62	44602	4.409 ug/L	100
6) Bromomethane	2.78	94	25697	3.547 ug/L	98
8) Chloroethane	2.92	64	25083	3.526 ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	33838	2.707 ug/L	99
12) 1,1-Dichloroethene	4.03	96	34910	2.974 ug/L #	81
13) Acetone	4.15	43	28640	7.166 ug/L	97
14) Carbon disulfide	4.38	76	103021	2.967 ug/L	98
15) Methyl Acetate	4.68	43	24791	3.111 ug/L	98
16) Methylene chloride	4.92	84	73240	4.900 ug/L	95
17) Methyl tert-butyl Ether	5.43	73	41246	2.237 ug/L #	89
18) trans-1,2-Dichloroethene	5.42	96	34278	2.690 ug/L	94
19) 1,1-Dichloroethane	6.21	63	66104	2.984 ug/L	97
21) 2-Butanone	7.18	43	31358	5.757 ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	35263	2.511 ug/L	95
23) Bromochloromethane	7.52	128	18489	2.803 ug/L	93
25) Chloroform	7.68	83	69779	2.994 ug/L	100
27) 1,2-Dichloroethane	8.40	62	46937	2.981 ug/L	98
30) Cyclohexane	7.96	56	45025	2.016 ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	51201	2.470 ug/L	98
32) Carbon tetrachloride	8.07	117	48387	2.397 ug/L	100
34) Benzene	8.32	78	141598	2.582 ug/L	100
35) Trichloroethene	9.10	95	36070	2.457 ug/L	97
36) Methylcyclohexane	9.34	83	54400	2.078 ug/L	94
40) 1,2-Dichloropropane	9.37	63	38869	2.826 ug/L	99
41) Bromodichloromethane	9.65	83	46930	2.637 ug/L	97
42) cis-1,3-Dichloropropene	10.08	75	46531	2.157 ug/L	96
43) 4-Methyl-2-pentanone	10.22	43	49800	4.472 ug/L	95
44) Toluene	10.39	91	132976	2.255 ug/L	100

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45) trans-1,3-Dichloropropene	10.61	75	41559	2.145	ug/L	91
46) 1,1,2-Trichloroethane	10.79	97	30442	2.684	ug/L	97
47) Tetrachloroethene	10.87	164	29198	2.317	ug/L	93
49) 2-Hexanone	10.98	43	36103	4.362	ug/L	93
50) Dibromochloromethane	11.13	129	32533	2.354	ug/L	95
51) 1,2-Dibromoethane	11.24	107	28655	2.549	ug/L	98
52) Chlorobenzene	11.66	112	100337	2.556	ug/L	99
53) Ethylbenzene	11.74	91	147107	2.205	ug/L	98
54) m,p-Xylene	11.85	106	52119	2.065	ug/L	97
55) o-xylene	12.17	106	47745	2.003	ug/L	97
58) 1,1,2,2-Tetrachloroethane	12.72	83	44271	2.843	ug/L	94
59) 1,2,3-Trichloropropane	12.77	75	32351	2.698	ug/L	98
62) Bromoform	12.35	173	20884	2.494	ug/L #	97
63) 1,3-Dichlorobenzene	13.51	146	70315	2.428	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	78500	2.635	ug/L	95
65) 1,2-Dichlorobenzene	13.88	146	72041	2.632	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	7944	2.945	ug/L #	83
67) 1,3,5-Trichlorobenzene	14.64	180	56459	2.459	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	43783	2.246	ug/L	97
70) 1,2,3-Trichlorobenzene	15.57	180	43330	2.402	ug/L	99

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

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