

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090919\
 Data File : VW012819.D
 Acq On : 09 Sep 2019 14:15
 Operator : SY/VA
 Sample : K4760-10
 Misc : 5.89G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WEST-SIDE-WALL-3

Quant Time: Sep 09 15:19:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	9127	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.85	114	11979	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	7190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	1144	50.00	ug/l	0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	4726	46.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.68%	
35) Dibromofluoromethane	7.88	113	3987	55.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.96%	
50) Toluene-d8	10.33	98	14689	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
62) 4-Bromofluorobenzene	12.62	95	8152	80.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	160.96%	

Target Compounds

						Qvalue
3) Chloromethane	2.20	50	92	1.530	ug/l #	44
5) Bromomethane	2.78	94	53	1.324	ug/l #	4
8) Diethyl Ether	3.67	74	45	1.052	ug/l #	1
11) Tert butyl alcohol	5.15	59	80	10.253	ug/l #	72
13) Acrolein	3.91	56	21	2.536	ug/l #	14
15) Acrylonitrile	5.42	53	53	2.122	ug/l #	17
16) Acetone	4.12	43	5896	212.075	ug/l	92
18) Methyl Acetate	4.66	43	187	2.867	ug/l #	57
20) Methylene Chloride	4.92	84	137	1.575	ug/l #	24
21) trans-1,2-Dichloroethene	5.42	96	77	1.001	ug/l #	1
25) 2-Butanone	7.18	43	109	22.133	ug/l #	53
26) 2,2-Dichloropropane	7.06	77	345	3.280	ug/l	78
27) cis-1,2-Dichloroethene	7.17	96	497	5.573	ug/l	42
29) Tetrahydrofuran	7.54	42	106	4.721	ug/l #	15
30) Chloroform	7.66	83	548	3.321	ug/l #	47
31) Cyclohexane	7.95	56	478	3.189	ug/l	88
32) 1,1,1-Trichloroethane	7.87	97	191	1.428	ug/l #	23
36) 1,1-Dichloropropene	7.95	75	895	8.409	ug/l #	78
37) Ethyl Acetate	7.27	43	76	1.120	ug/l #	1
39) Methylcyclohexane	9.34	83	1290	10.791	ug/l #	23
41) Methacrylonitrile	7.48	41	406	11.966	ug/l #	39
43) Isopropyl Acetate	8.42	43	233	1.813	ug/l #	56
44) Trichloroethene	9.09	130	293	3.849	ug/l	90
45) 1,2-Dichloropropane	9.37	63	82	1.001	ug/l #	1
46) Dibromomethane	9.48	93	331	8.534	ug/l #	16
47) Bromodichloromethane	9.68	83	1104	10.346	ug/l #	37
48) Methyl methacrylate	9.44	41	1397	22.741	ug/l #	33
49) 1,4-Dioxane	9.60	88	33	43.074	ug/l #	1
51) 4-Methyl-2-Pentanone	10.16	43	920	13.639	ug/l	97
52) Toluene	10.35	92	618	3.353	ug/l	91
55) 1,1,2-Trichloroethane	10.78	97	1223	21.062	ug/l #	40
56) Ethyl methacrylate	10.68	69	1183	13.918	ug/l #	18
58) 2-Chloroethyl Vinyl ether	9.91	63	61	1.352	ug/l #	49
59) 2-Hexanone	10.93	43	680	13.799	ug/l	65

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60) Dibromochloromethane	11.14	129	110	1.611	ug/l	82
61) 1,2-Dibromoethane	11.16	107	781	14.671	ug/l	100
64) Tetrachloroethene	10.86	164	1534	35.161	ug/l #	65
65) Chlorobenzene	11.64	112	174	1.280	ug/l #	43
66) 1,1,1,2-Tetrachloroethane	11.73	131	93	1.838	ug/l #	1
67) Ethyl Benzene	11.73	91	1240	4.863	ug/l	92
68) m/p-Xylenes	11.83	106	148	1.608	ug/l #	1
69) o-Xylene	12.12	106	167	1.923	ug/l	85
70) Styrene	12.28	104	332	2.164	ug/l	86
71) Bromoform	12.35	173	153	5.442	ug/l #	1
73) Isopropylbenzene	12.43	105	594	7.239	ug/l	87
74) N-amyl acetate	12.27	43	851	32.675	ug/l #	17
75) 1,1,2,2-Tetrachloroethane	12.78	83	717	43.512	ug/l #	41
76) 1,2,3-Trichloropropane	12.74	75	61	5.215	ug/l #	100
77) Bromobenzene	12.58	156	55	2.959	ug/l #	1
78) n-propylbenzene	12.82	91	327	3.332	ug/l #	54
79) 2-Chlorotoluene	12.91	91	415	7.367	ug/l	86
80) 1,3,5-Trimethylbenzene	12.90	105	962	13.914	ug/l	72
81) trans-1,4-Dichloro-2-buten	12.51	75	64	11.572	ug/l #	1
82) 4-Chlorotoluene	13.04	91	848	14.231	ug/l	96
83) tert-Butylbenzene	13.20	119	508	8.310	ug/l #	77
84) 1,2,4-Trimethylbenzene	13.34	105	620	8.899	ug/l	87
85) sec-Butylbenzene	13.37	105	271	3.195	ug/l #	1
86) p-Isopropyltoluene	13.48	119	412	5.317	ug/l #	28
87) 1,3-Dichlorobenzene	13.47	146	85	2.326	ug/l #	1
88) 1,4-Dichlorobenzene	13.58	146	268	7.371	ug/l #	1
89) n-Butylbenzene	13.58	91	660	8.774	ug/l	87
90) Hexachloroethane	13.92	117	201	14.859	ug/l	62
92) 1,2-Dibromo-3-Chloropropan	14.41	75	19	6.301	ug/l #	51
93) 1,2,4-Trichlorobenzene	15.12	180	727	31.751	ug/l #	27
94) Hexachlorobutadiene	15.24	225	19	1.199	ug/l #	19
95) Naphthalene	15.36	128	59	5.559	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.52	180	714	35.328	ug/l #	16

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

