

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072419\
 Data File : VW011453.D
 Acq On : 24 Jul 2019 01:19
 Operator : SY/VA
 Sample : K3928-01
 Misc : 6.02G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ROLL-OFF-COMP

Quant Time: Jul 24 06:41:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	4265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	6627	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	3554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	5031	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	2970	55.42	ug/l	0.00
Spiked Amount			Recovery	=	110.84%	
35) Dibromofluoromethane	7.88	113	2270	57.47	ug/l	0.00
Spiked Amount			Recovery	=	114.94%	
50) Toluene-d8	10.32	98	7149	44.78	ug/l	0.00
Spiked Amount			Recovery	=	89.56%	
62) 4-Bromofluorobenzene	12.62	95	14215	242.90	ug/l	0.00
Spiked Amount			Recovery	=	485.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.21	50	149	3.635	ug/l #	41
6) Chloroethane	2.90	64	173	5.987	ug/l #	42
11) Tert butyl alcohol	5.12	59	19	4.789	ug/l #	1
12) 1,1-Dichloroethene	3.87	96	56	1.182	ug/l #	1
13) Acrolein	3.94	56	20	6.330	ug/l #	14
14) Allyl chloride	4.67	41	208	2.407	ug/l #	81
15) Acrylonitrile	5.40	53	19	1.415	ug/l #	1
16) Acetone	4.12	43	167	12.951	ug/l #	48
18) Methyl Acetate	4.65	43	96	1.240	ug/l #	57
20) Methylene Chloride	4.91	84	104	2.044	ug/l #	30
23) Vinyl Acetate	6.24	43	132	1.148	ug/l #	77
25) 2-Butanone	7.18	43	311	15.365	ug/l #	54
26) 2,2-Dichloropropane	7.08	77	77	1.518	ug/l	95
28) Bromochloromethane	7.31	49	52	1.172	ug/l #	23
29) Tetrahydrofuran	7.53	42	53	3.993	ug/l #	41
30) Chloroform	7.66	83	117	1.295	ug/l #	18
31) Cyclohexane	7.96	56	582	5.606	ug/l #	69
32) 1,1,1-Trichloroethane	7.87	97	90	1.309	ug/l #	22
36) 1,1-Dichloropropene	7.94	75	348	4.931	ug/l #	76
37) Ethyl Acetate	7.12	43	507	11.957	ug/l	97
39) Methylcyclohexane	9.32	83	310	3.624	ug/l #	64
41) Methacrylonitrile	7.46	41	45	1.856	ug/l #	1
45) 1,2-Dichloropropane	9.40	63	139	2.632	ug/l #	58
46) Dibromomethane	9.46	93	576	23.217	ug/l #	37
47) Bromodichloromethane	9.63	83	237	3.734	ug/l #	42
48) Methyl methacrylate	9.43	41	554	14.385	ug/l #	29
49) 1,4-Dioxane	9.40	88	21	50.711	ug/l #	17
51) 4-Methyl-2-Pentanone	10.26	43	514	12.292	ug/l	95
52) Toluene	10.38	92	156	1.319	ug/l #	11
55) 1,1,2-Trichloroethane	10.76	97	319	9.064	ug/l #	22
56) Ethyl methacrylate	10.66	69	325	6.065	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.93	63	156	6.280	ug/l #	74
59) 2-Hexanone	10.94	43	352	12.138	ug/l	75
60) Dibromochloromethane	11.11	129	228	5.908	ug/l	82

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

61) 1,2-Dibromoethane	11.21	107	420	12.598	ug/l #	1
64) Tetrachloroethene	10.87	164	171	7.130	ug/l #	1
65) Chlorobenzene	11.65	112	284	3.930	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.72	131	249	9.787	ug/l #	47
67) Ethyl Benzene	11.74	91	261	1.887	ug/l #	45
68) m/p-Xylenes	11.82	106	163	3.257	ug/l #	1
69) o-Xylene	12.26	106	168	3.561	ug/l	87
70) Styrene	12.20	104	195	2.395	ug/l #	55
71) Bromoform	12.30	173	1291	95.439	ug/l #	96
74) N-amyl acetate	12.31	43	825	6.299	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	12.62	83	19990	259.300	ug/l #	30
76) 1,2,3-Trichloropropane	12.75	75	167	2.872	ug/l #	100
77) Bromobenzene	12.76	156	124	1.469	ug/l	43
78) n-propylbenzene	12.80	91	840	1.813	ug/l	80
79) 2-Chlorotoluene	12.89	91	1349	5.060	ug/l	85
80) 1,3,5-Trimethylbenzene	13.06	105	563	1.762	ug/l	88
81) trans-1,4-Dichloro-2-buten	12.48	75	115	4.474	ug/l #	1
82) 4-Chlorotoluene	12.98	91	515	1.855	ug/l	90
83) tert-Butylbenzene	13.17	119	368	1.381	ug/l #	23
84) 1,2,4-Trimethylbenzene	13.27	105	424	1.322	ug/l	86
85) sec-Butylbenzene	13.27	105	424	1.103	ug/l	93
89) n-Butylbenzene	13.83	91	1579	4.590	ug/l	79
90) Hexachloroethane	14.07	117	301	4.776	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	344	2.335	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.48	75	97	7.094	ug/l #	34
93) 1,2,4-Trichlorobenzene	15.16	180	633	6.238	ug/l #	35
95) Naphthalene	15.40	128	261	1.342	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.57	180	178	1.988	ug/l #	1

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

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