

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010919\
 Data File : VW008103.D
 Acq On : 09 Jan 2019 15:17
 Operator : SY/AP
 Sample : K1071-09RE
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-3(10-15)RE

Quant Time: Jan 10 05:57:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	2700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	4074	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	4319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	1692	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	1464	48.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.48%	
35) Dibromofluoromethane	7.88	113	1226	51.60	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.20%	
50) Toluene-d8	10.32	98	5229	52.44	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.88%	
62) 4-Bromofluorobenzene	12.62	95	2228	62.33	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	124.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.14	85	23	1.044	ug/l #	42
3) Chloromethane	2.23	50	41	1.434	ug/l #	1
4) Vinyl Chloride	2.31	62	44	1.179	ug/l #	41
8) Diethyl Ether	3.87	74	44	2.566	ug/l	55
11) Tert butyl alcohol	5.35	59	22	Below Cal	#	100
13) Acrolein	3.96	56	20	8.454	ug/l #	14
15) Acrylonitrile	5.21	53	21	3.217	ug/l #	17
16) Acetone	4.12	43	279	32.772	ug/l #	40
18) Methyl Acetate	4.62	43	68	3.545	ug/l #	52
20) Methylene Chloride	4.92	84	27	Below Cal	#	3
22) Diisopropyl ether	6.31	45	127	1.240	ug/l #	38
25) 2-Butanone	7.17	43	117	13.857	ug/l #	49
28) Bromochloromethane	7.55	49	49	2.077	ug/l #	18
29) Tetrahydrofuran	7.54	42	20	3.546	ug/l #	35
31) Cyclohexane	7.96	56	89	1.394	ug/l #	82
32) 1,1,1-Trichloroethane	7.89	97	78	1.579	ug/l #	24
36) 1,1-Dichloropropene	7.96	75	226	5.385	ug/l #	68
37) Ethyl Acetate	7.26	43	62	3.688	ug/l #	69
39) Methylcyclohexane	9.31	83	85	1.597	ug/l #	49
41) Methacrylonitrile	7.46	41	262	24.669	ug/l #	51
43) Isopropyl Acetate	8.43	43	119	3.540	ug/l #	51
44) Trichloroethene	9.08	130	41	1.407	ug/l	1
45) 1,2-Dichloropropane	9.40	63	39	1.382	ug/l #	46
46) Dibromomethane	9.45	93	139	10.028	ug/l #	79
47) Bromodichloromethane	9.68	83	50	1.421	ug/l #	25
48) Methyl methacrylate	9.44	41	88	5.548	ug/l #	27
49) 1,4-Dioxane	9.63	88	19	85.238	ug/l #	1
51) 4-Methyl-2-Pentanone	10.30	43	56	3.442	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	79	4.060	ug/l #	33
56) Ethyl methacrylate	10.65	69	437	18.133	ug/l #	23
58) 2-Chloroethyl Vinyl ether	9.73	63	45	3.615	ug/l #	48
59) 2-Hexanone	11.05	43	157	14.268	ug/l	64
60) Dibromochloromethane	11.18	129	158	7.394	ug/l	93
61) 1,2-Dibromoethane	11.22	107	188	10.181	ug/l #	2

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

64) Tetrachloroethene	10.85	164	54	1.921	ug/l #	34
65) Chlorobenzene	11.68	112	119	1.301	ug/l #	43
66) 1,1,1,2-Tetrachloroethane	11.77	131	110	3.696	ug/l #	22
67) Ethyl Benzene	11.73	91	572	3.417	ug/l	97
68) m/p-Xylenes	11.84	106	218	3.411	ug/l #	1
69) o-Xylene	12.09	106	313	5.289	ug/l	33
70) Styrene	12.19	104	769	8.296	ug/l #	57
71) Bromoform	12.35	173	229	17.193	ug/l #	20
73) Isopropylbenzene	12.62	105	345	2.597	ug/l	90
74) N-amyl acetate	12.26	43	172	5.847	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	12.69	83	3476	163.480	ug/l #	20
76) 1,2,3-Trichloropropane	12.98	75	49	3.177	ug/l	99
77) Bromobenzene	12.63	156	51	1.817	ug/l #	1
78) n-propylbenzene	12.84	91	390	2.396	ug/l	83
79) 2-Chlorotoluene	12.86	91	118	1.299	ug/l	93
80) 1,3,5-Trimethylbenzene	12.98	105	161	1.475	ug/l	80
81) trans-1,4-Dichloro-2-buten	12.43	75	42	6.341	ug/l #	51
82) 4-Chlorotoluene	12.99	91	418	4.371	ug/l	75
83) tert-Butylbenzene	13.22	119	275	2.848	ug/l #	71
84) 1,2,4-Trimethylbenzene	13.50	105	311	2.762	ug/l	78
85) sec-Butylbenzene	13.50	105	896	6.334	ug/l	80
86) p-Isopropyltoluene	13.52	119	333	2.726	ug/l #	1
87) 1,3-Dichlorobenzene	13.50	146	220	3.864	ug/l #	1
89) n-Butylbenzene	14.08	91	595	4.973	ug/l	88
90) Hexachloroethane	14.04	117	101	4.895	ug/l	69
91) 1,2-Dichlorobenzene	13.86	146	117	2.338	ug/l #	37
92) 1,2-Dibromo-3-Chloropropan	14.49	75	46	13.443	ug/l #	61
95) Naphthalene	15.39	128	83	1.338	ug/l #	1

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

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