

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110719\
 Data File : VY000594.D
 Acq On : 07 Nov 2019 20:16
 Operator : SY/MD
 Sample : K5723-11
 Misc : 7.22G/5ML/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 9-D

Quant Time: Nov 08 03:50:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	1778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	3440	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	3049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	1114	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	1193	64.84	ug/l	0.00
Spiked Amount			Recovery	=	129.68%	
35) Dibromofluoromethane	7.73	113	353	17.48	ug/l	0.00
Spiked Amount			Recovery	=	34.96%	
50) Toluene-d8	10.18	98	3915	51.09	ug/l	0.00
Spiked Amount			Recovery	=	102.18%	
62) 4-Bromofluorobenzene	12.48	95	1542	52.86	ug/l	0.00
Spiked Amount			Recovery	=	105.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.12	50	69	2.862	ug/l #	43
8) Diethyl Ether	3.65	74	19	1.768	ug/l #	4
13) Acrolein	3.61	56	26	16.665	ug/l #	14
14) Allyl chloride	4.39	41	55	1.904	ug/l #	28
15) Acrylonitrile	5.44	53	23	4.179	ug/l #	18
16) Acetone	3.96	43	83	16.367	ug/l #	42
17) Carbon Disulfide	4.35	76	65	1.160	ug/l #	74
18) Methyl Acetate	4.48	43	25	1.585	ug/l #	51
20) Methylene Chloride	4.71	84	202	9.296	ug/l #	53
21) trans-1,2-Dichloroethene	5.19	96	24	1.195	ug/l #	1
25) 2-Butanone	7.11	43	69	8.525	ug/l #	49
27) cis-1,2-Dichloroethene	7.18	96	33	1.503	ug/l #	1
29) Tetrahydrofuran	7.08	42	60	12.118	ug/l #	35
37) Ethyl Acetate	7.11	43	69	3.574	ug/l #	70
38) Carbon Tetrachloride	7.80	117	80	2.557	ug/l #	11
39) Methylcyclohexane	9.20	83	71	1.690	ug/l #	20
41) Methacrylonitrile	7.33	41	65	6.035	ug/l #	71
47) Bromodichloromethane	9.42	83	65	2.123	ug/l #	24
48) Methyl methacrylate	9.29	41	40	2.524	ug/l #	43
51) 4-Methyl-2-Pentanone	9.94	43	75	3.889	ug/l #	37
56) Ethyl methacrylate	10.64	69	61	2.306	ug/l #	1
57) 1,3-Dichloropropane	11.00	76	34	1.041	ug/l #	43
59) 2-Hexanone	10.83	43	97	6.904	ug/l #	24
60) Dibromochloromethane	11.23	129	25	1.169	ug/l #	10
61) 1,2-Dibromoethane	11.10	107	59	3.287	ug/l #	60
74) N-amyl acetate	12.16	43	73	3.096	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.50	83	95	5.827	ug/l #	25
76) 1,2,3-Trichloropropane	12.59	75	54	4.257	ug/l #	100
77) Bromobenzene	12.67	156	67	3.589	ug/l #	1
78) n-propylbenzene	12.67	91	113	1.137	ug/l #	53
81) trans-1,4-Dichloro-2-buten	12.48	75	903	159.617	ug/l #	13
82) 4-Chlorotoluene	12.86	91	200	3.498	ug/l #	39
89) n-Butylbenzene	13.62	91	78	1.064	ug/l #	33
90) Hexachloroethane	13.91	117	19	1.382	ug/l #	14

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.21	75	903	312.985	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.03	180	23	1.018	ug/l #	1
95) Naphthalene	15.23	128	171	3.410	ug/l #	70

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

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