

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051019\
 Data File : VF062427.D
 Acq On : 10 May 2019 16:59
 Operator : FY/SY
 Sample : K2645-03RE
 Misc : 6.71g/5mL/MSVOA F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 PL-02-050719-BRE

Quant Time: May 10 17:20:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	35086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	27978	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	13478	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	3139	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.03	65	5270	15.89	ug/l	0.00
Spiked Amount			Recovery	=	31.78%	
35) Dibromofluoromethane	4.31	113	8266	37.08	ug/l	0.00
Spiked Amount			Recovery	=	74.16%	
50) Toluene-d8	7.71	98	24359	45.15	ug/l	0.00
Spiked Amount			Recovery	=	90.30%	
62) 4-Bromofluorobenzene	11.49	95	4945	20.31	ug/l	0.00
Spiked Amount			Recovery	=	40.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.45	94	210	Below Cal	#	3
11) Tert butyl alcohol	2.69	59	87	4.643	ug/l #	70
13) Acrolein	2.05	56	137	Below Cal	#	13
14) Allyl chloride	2.22	41	587	2.470	ug/l #	85
15) Acrylonitrile	3.07	53	88	2.479	ug/l #	1
16) Acetone	2.34	43	1886	28.118	ug/l #	81
18) Methyl Acetate	2.51	43	3307	25.500	ug/l #	71
19) Methyl tert-butyl Ether	2.55	73	607	1.093	ug/l #	61
20) Methylene Chloride	2.31	84	724	2.983	ug/l #	39
21) trans-1,2-Dichloroethene	2.44	96	360	1.405	ug/l #	1
23) Vinyl Acetate	3.36	43	351	1.060	ug/l #	79
25) 2-Butanone	4.53	43	730	8.663	ug/l #	60
26) 2,2-Dichloropropane	3.67	77	268	1.069	ug/l	84
29) Tetrahydrofuran	4.28	42	67	1.730	ug/l #	21
37) Ethyl Acetate	4.36	43	412	Below Cal	#	85
38) Carbon Tetrachloride	4.17	117	66	Below Cal	#	14
41) Methacrylonitrile	4.92	41	314	5.449	ug/l #	41
43) Isopropyl Acetate	7.14	43	495	4.528	ug/l #	88
48) Methyl methacrylate	6.88	41	225	2.912	ug/l #	1
49) 1,4-Dioxane	6.91	88	60	63.274	ug/l #	1
51) 4-Methyl-2-Pentanone	8.40	43	173	2.088	ug/l #	40
58) 2-Chloroethyl Vinyl ether	7.32	63	95	2.888	ug/l #	42
59) 2-Hexanone	9.60	43	468	8.169	ug/l #	28
70) Styrene	10.88	104	290	1.243	ug/l #	53
71) Bromoform	10.88	173	138	2.239	ug/l #	29
73) Isopropylbenzene	11.23	105	348	1.870	ug/l #	50
74) N-amyl acetate	11.43	43	209	5.231	ug/l #	38
75) 1,1,2,2-Tetrachloroethane	11.75	83	90	3.089	ug/l #	22
76) 1,2,3-Trichloropropane	11.88	75	138	6.208	ug/l #	100
81) trans-1,4-Dichloro-2-buten	11.98	75	62	7.420	ug/l #	17
83) tert-Butylbenzene	12.19	119	178	1.038	ug/l #	35
90) Hexachloroethane	12.99	117	60	1.240	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	13.68	75	80	12.256	ug/l #	1

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

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