

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031119\
 Data File : VF061897.D
 Acq On : 11 Mar 2019 18:52
 Operator : VA/AP
 Sample : K1824-19
 Misc : 5.06g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P-4

Quant Time: Mar 12 05:13:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	22340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	24330	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	15701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	5814	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.84	65	3832	23.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	47.10%	
35) Dibromofluoromethane	4.11	113	6640	39.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.22%	
50) Toluene-d8	7.55	98	24175	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
62) 4-Bromofluorobenzene	11.41	95	5836	29.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	59.04%	

Target Compounds

						Qvalue
5) Bromomethane	1.30	94	292	1.698	ug/l #	3
8) Diethyl Ether	1.48	74	93	1.327	ug/l	99
11) Tert butyl alcohol	2.47	59	66	7.147	ug/l #	1
12) 1,1-Dichloroethene	1.81	96	211	1.104	ug/l #	1
13) Acrolein	2.04	56	209	17.862	ug/l	85
14) Allyl chloride	2.10	41	537	2.551	ug/l #	65
15) Acrylonitrile	2.94	53	464	15.780	ug/l #	27
16) Acetone	2.22	43	428	12.559	ug/l #	50
18) Methyl Acetate	2.40	43	940	9.563	ug/l #	62
20) Methylene Chloride	2.17	84	637	Below Cal	#	78
23) Vinyl Acetate	3.20	43	539	2.204	ug/l #	76
25) 2-Butanone	4.34	43	215	3.102	ug/l #	56
29) Tetrahydrofuran	4.11	42	141	4.716	ug/l #	33
41) Methacrylonitrile	4.73	41	130	2.460	ug/l #	24
43) Isopropyl Acetate	6.95	43	231	1.943	ug/l #	42
48) Methyl methacrylate	6.72	41	131	1.741	ug/l #	18
49) 1,4-Dioxane	6.62	88	85	123.558	ug/l #	26
51) 4-Methyl-2-Pentanone	8.22	43	122	1.485	ug/l #	35
59) 2-Hexanone	9.48	43	232	3.913	ug/l #	22
74) N-amyl acetate	11.40	43	186	2.019	ug/l #	42

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

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