

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032019\
 Data File : VF062044.D
 Acq On : 20 Mar 2019 17:08
 Operator : VA/AP
 Sample : K1971-06RE
 Misc : 5.36g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-10(6-7)-031519RE

Quant Time: Mar 21 12:37:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 18 07:28:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	9409	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.59	114	10945	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.77	117	6249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	1396	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.83	65	1506	22.24	ug/l	-0.01
Spiked Amount			Recovery	=	44.48%	
35) Dibromofluoromethane	4.11	113	3057	41.59	ug/l	0.00
Spiked Amount			Recovery	=	83.18%	
50) Toluene-d8	7.54	98	12968	60.36	ug/l	-0.01
Spiked Amount			Recovery	=	120.72%	
62) 4-Bromofluorobenzene	11.40	95	2264	26.52	ug/l	-0.01
Spiked Amount			Recovery	=	53.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.09	50	173	1.697	ug/l #	46
5) Bromomethane	1.36	94	173	2.498	ug/l #	3
6) Chloroethane	1.37	64	76	1.493	ug/l #	1
8) Diethyl Ether	1.76	74	60	2.067	ug/l #	1
9) 1,1,2-Trichlorotrifluoroet	1.91	101	140	1.521	ug/l #	18
11) Tert butyl alcohol	2.56	59	63	15.201	ug/l #	1
13) Acrolein	1.93	56	200	44.702	ug/l	96
14) Allyl chloride	2.11	41	1268	12.509	ug/l #	68
15) Acrylonitrile	2.90	53	270	21.423	ug/l #	14
16) Acetone	2.18	43	286	18.805	ug/l	92
18) Methyl Acetate	2.38	43	1064	34.195	ug/l #	63
20) Methylene Chloride	2.17	84	292	3.729	ug/l #	59
21) trans-1,2-Dichloroethene	2.28	96	246	2.968	ug/l #	1
22) Diisopropyl ether	2.85	45	1018	4.175	ug/l #	25
23) Vinyl Acetate	3.12	43	372	3.870	ug/l #	77
24) 1,1-Dichloroethane	2.81	63	180	1.270	ug/l #	86
25) 2-Butanone	4.31	43	93	3.088	ug/l #	51
26) 2,2-Dichloropropane	3.55	77	72	1.077	ug/l #	54
29) Tetrahydrofuran	4.09	42	97	7.405	ug/l #	33
37) Ethyl Acetate	4.11	43	160	3.605	ug/l #	19
41) Methacrylonitrile	4.71	41	91	3.838	ug/l #	22
43) Isopropyl Acetate	6.99	43	233	4.437	ug/l #	38
44) Trichloroethene	5.49	130	915	11.405	ug/l	87
48) Methyl methacrylate	6.64	41	135	3.978	ug/l #	20
51) 4-Methyl-2-Pentanone	8.21	43	209	5.605	ug/l #	36
55) 1,1,2-Trichloroethane	8.41	97	60	1.343	ug/l #	14
56) Ethyl methacrylate	8.52	69	80	1.576	ug/l #	24
59) 2-Hexanone	9.47	43	169	6.263	ug/l #	23
74) N-amyl acetate	11.37	43	142	6.426	ug/l #	43
93) 1,2,4-Trichlorobenzene	14.34	180	73	2.578	ug/l #	11
95) Naphthalene	14.45	128	80	1.571	ug/l #	70

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

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