

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031819\
 Data File : VF062007.D
 Acq On : 18 Mar 2019 19:52
 Operator : VA/AP
 Sample : K1687-11
 Misc : 5.10µ/5mL/MSVOA-F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 HR-05-031519-C

Quant Time: Mar 19 01:24:48 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	7368	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.59	114	8511	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.76	117	4727	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.54	152	1194	50.00	ug/l	-0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.83	65	1287	24.27	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	48.54%	
35) Dibromofluoromethane	4.11	113	2399	41.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.96%	
50) Toluene-d8	7.54	98	7317	43.79	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	87.58%	
62) 4-Bromofluorobenzene	11.40	95	1954	29.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	58.88%	

Target Compounds

						Qvalue
3) Chloromethane	1.17	50	134	1.679	ug/l #	46
4) Vinyl Chloride	1.16	62	99	1.282	ug/l #	40
5) Bromomethane	1.28	94	992	18.292	ug/l #	3
8) Diethyl Ether	1.73	74	69	3.035	ug/l	80
12) 1,1-Dichloroethene	1.81	96	137	2.203	ug/l #	1
13) Acrolein	2.07	56	249	71.071	ug/l	90
14) Allyl chloride	2.06	41	824	10.380	ug/l #	52
15) Acrylonitrile	2.94	53	332	33.640	ug/l #	1
16) Acetone	2.18	43	1157	97.146	ug/l	91
18) Methyl Acetate	2.48	43	1396	57.294	ug/l #	63
21) trans-1,2-Dichloroethene	2.30	96	76	1.171	ug/l #	1
22) Diisopropyl ether	2.78	45	1328	6.955	ug/l #	49
23) Vinyl Acetate	3.17	43	669	8.888	ug/l #	77
25) 2-Butanone	4.32	43	130	5.511	ug/l #	51
26) 2,2-Dichloropropane	3.69	77	270	5.156	ug/l #	54
29) Tetrahydrofuran	4.12	42	60	5.849	ug/l #	33
37) Ethyl Acetate	4.11	43	286	8.287	ug/l #	19
41) Methacrylonitrile	4.75	41	62	3.363	ug/l #	22
43) Isopropyl Acetate	6.91	43	71	1.739	ug/l #	38
48) Methyl methacrylate	6.80	41	69	2.615	ug/l #	20
51) 4-Methyl-2-Pentanone	8.21	43	61	2.104	ug/l #	36
54) cis-1,3-Dichloropropene	7.13	75	81	1.088	ug/l #	34
59) 2-Hexanone	9.41	43	186	8.864	ug/l #	23
61) 1,2-Dibromoethane	8.80	107	59	1.584	ug/l #	4
74) N-amyl acetate	11.45	43	214	11.322	ug/l #	43
78) n-propylbenzene	11.59	91	274	2.889	ug/l #	52
79) 2-Chlorotoluene	11.59	91	274	5.118	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.81	105	430	6.453	ug/l	95
84) 1,2,4-Trimethylbenzene	12.18	105	359	5.379	ug/l #	26
85) sec-Butylbenzene	12.18	105	359	3.813	ug/l #	57
86) p-Isopropyltoluene	12.42	119	261	3.322	ug/l #	22

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

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