

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021219\
 Data File : VF061613.D
 Acq On : 12 Feb 2019 17:14
 Operator : VA/AP
 Sample : K1343-13
 Misc : 11.96g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 JC-02-021119-G

Quant Time: Feb 13 02:50:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.91	168	64	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	5.24	114	65	50.00	ug/l	-0.36
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.77
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.55

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.96	65	86	108.84	ug/l	0.13
Spiked Amount	50.000		Recovery	=	217.68%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds					Qvalue	
3) Chloromethane	1.09	50	66	71.579	ug/l #	1
4) Vinyl Chloride	1.15	62	146	178.003	ug/l #	43
5) Bromomethane	1.29	94	800	1495.735	ug/l #	2
6) Chloroethane	1.32	64	210	577.812	ug/l #	41
8) Diethyl Ether	1.57	74	75	367.084	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	2.00	101	65	84.838	ug/l #	20
12) 1,1-Dichloroethene	1.80	96	73	128.247	ug/l #	1
13) Acrolein	2.03	56	156	5201.487	ug/l #	63
14) Allyl chloride	2.12	41	241	205.939	ug/l	87
16) Acetone	2.29	43	539	3400.291	ug/l #	61
17) Carbon Disulfide	1.88	76	60	33.806	ug/l #	1
18) Methyl Acetate	2.20	43	250	795.262	ug/l	98
19) Methyl tert-butyl Ether	2.42	73	72	56.425	ug/l #	59
20) Methylene Chloride	2.17	84	63	119.524	ug/l #	1
21) trans-1,2-Dichloroethene	2.30	96	99	158.079	ug/l #	1
22) Diisopropyl ether	2.82	45	137	67.633	ug/l #	41
23) Vinyl Acetate	3.22	43	91	104.024	ug/l #	78
25) 2-Butanone	4.38	43	148	561.446	ug/l #	57
26) 2,2-Dichloropropane	3.61	77	81	103.700	ug/l #	61
28) Bromochloromethane	3.74	49	82	143.488	ug/l #	8
29) Tetrahydrofuran	4.11	42	83	731.235	ug/l #	38
31) Cyclohexane	3.58	56	65	51.183	ug/l #	13
37) Ethyl Acetate	3.81	43	89	295.430	ug/l #	5
41) Methacrylonitrile	4.39	41	78	486.590	ug/l #	29
43) Isopropyl Acetate	6.55	43	147	388.789	ug/l #	51
45) 1,2-Dichloropropane	5.91	63	70	159.044	ug/l #	44
48) Methyl methacrylate	6.26	41	93	366.296	ug/l #	19
51) 4-Methyl-2-Pentanone	7.70	43	121	435.313	ug/l #	39
53) t-1,3-Dichloropropene	7.78	75	67	116.527	ug/l #	44
59) 2-Hexanone	8.85	43	85	438.534	ug/l #	26
61) 1,2-Dibromoethane	8.44	107	60	167.125	ug/l #	5

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

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