

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031119\
 Data File : VF061898.D
 Acq On : 11 Mar 2019 19:21
 Operator : VA/AP
 Sample : K1843-01
 Misc : 2.88g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 GATE-SOIL-BOX

Quant Time: Mar 12 05:13:42 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	4.86	168	1127	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.59	114	1413	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.77	117	845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	66	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	4.09	113	276	27.99	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	55.98%	
50) Toluene-d8	7.57	98	1423	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
62) 4-Bromofluorobenzene	11.40	95	198	17.25	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	34.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.93	85	81	5.854	ug/l #	47
3) Chloromethane	1.13	50	406	30.278	ug/l #	1
4) Vinyl Chloride	1.22	62	127	9.977	ug/l #	43
5) Bromomethane	1.31	94	236	27.204	ug/l #	3
6) Chloroethane	1.34	64	98	16.196	ug/l #	1
8) Diethyl Ether	1.68	74	103	29.134	ug/l	98
11) Tert butyl alcohol	2.45	59	62	133.093	ug/l #	1
12) 1,1-Dichloroethene	1.88	96	67	6.951	ug/l #	1
13) Acrolein	2.05	56	398	674.265	ug/l	99
14) Allyl chloride	2.11	41	654	61.590	ug/l #	20
15) Acrylonitrile	2.94	53	118	79.549	ug/l #	16
16) Acetone	2.27	43	891	518.265	ug/l	95
17) Carbon Disulfide	1.84	76	70	2.333	ug/l #	70
18) Methyl Acetate	2.27	43	891	177.581	ug/l	96
19) Methyl tert-butyl Ether	2.37	73	85	5.213	ug/l #	1
20) Methylene Chloride	2.15	84	76	3.009	ug/l #	10
21) trans-1,2-Dichloroethene	2.37	96	130	14.331	ug/l #	1
22) Diisopropyl ether	2.81	45	218	7.892	ug/l #	26
23) Vinyl Acetate	3.19	43	215	17.424	ug/l #	76
24) 1,1-Dichloroethane	2.91	63	91	5.512	ug/l #	85
25) 2-Butanone	4.34	43	134	38.319	ug/l #	56
26) 2,2-Dichloropropane	3.64	77	70	9.498	ug/l #	55
27) cis-1,2-Dichloroethene	3.45	96	69	5.490	ug/l	1
29) Tetrahydrofuran	4.10	42	63	41.773	ug/l #	33
30) Chloroform	3.80	83	65	3.447	ug/l #	15
31) Cyclohexane	3.64	56	79	4.569	ug/l #	15
32) 1,1,1-Trichloroethane	4.00	97	82	7.055	ug/l #	22
37) Ethyl Acetate	4.11	43	141	25.168	ug/l #	20
39) Methylcyclohexane	5.46	83	79	5.011	ug/l #	72
40) Benzene	4.66	78	121	3.468	ug/l #	1
41) Methacrylonitrile	4.68	41	178	57.991	ug/l #	38
43) Isopropyl Acetate	6.99	43	60	8.688	ug/l #	42
45) 1,2-Dichloropropane	6.30	63	69	8.317	ug/l #	45
48) Methyl methacrylate	6.74	41	77	17.618	ug/l #	1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
51) 4-Methyl-2-Pentanone	8.23	43	238	49.865	ug/l #	35
52) Toluene	7.62	92	96	4.651	ug/l #	1
55) 1,1,2-Trichloroethane	8.44	97	65	10.930	ug/l #	15
59) 2-Hexanone	9.47	43	85	24.686	ug/l #	22
74) N-amyl acetate	11.40	43	218	208.405	ug/l #	42
78) n-propylbenzene	11.71	91	67	13.057	ug/l #	54
79) 2-Chlorotoluene	11.71	91	67	22.839	ug/l #	39
84) 1,2,4-Trimethylbenzene	12.08	105	86	24.048	ug/l #	26
89) n-Butylbenzene	12.80	91	62	15.140	ug/l #	26

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

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