

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022719\
 Data File : VF061774.D
 Acq On : 27 Feb 2019 18:58
 Operator : VA/AP
 Sample : K1353-07
 Misc : 6.65g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 PL-02-022619-D

Quant Time: Feb 28 01:01:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	2902	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.59	114	2955	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	1603	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.55	152	322	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	76	3.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	7.14%	
35) Dibromofluoromethane	4.12	113	422	19.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.46%	
50) Toluene-d8	7.55	98	1827	28.96	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	57.92%	
62) 4-Bromofluorobenzene	11.41	95	519	20.33	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	40.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.09	85	71	2.130	ug/l #	43
3) Chloromethane	1.12	50	336	9.609	ug/l #	42
4) Vinyl Chloride	1.29	62	83	2.553	ug/l #	40
5) Bromomethane	1.29	94	799	35.714	ug/l #	3
6) Chloroethane	1.28	64	69	4.307	ug/l #	1
8) Diethyl Ether	1.60	74	135	13.663	ug/l	66
10) Methyl Iodide	1.88	142	80	1.481	ug/l #	39
11) Tert butyl alcohol	2.60	59	67	54.401	ug/l #	63
12) 1,1-Dichloroethene	1.81	96	63	2.533	ug/l #	1
13) Acrolein	2.02	56	589	380.516	ug/l	87
14) Allyl chloride	2.10	41	761	24.939	ug/l #	48
15) Acrylonitrile	2.94	53	158	36.168	ug/l #	18
16) Acetone	2.15	43	444	97.243	ug/l	98
18) Methyl Acetate	2.32	43	561	54.541	ug/l #	59
19) Methyl tert-butyl Ether	2.40	73	69	1.624	ug/l #	1
20) Methylene Chloride	2.20	84	61	Below Cal	#	1
21) trans-1,2-Dichloroethene	2.36	96	182	6.733	ug/l #	1
22) Diisopropyl ether	2.79	45	876	11.959	ug/l #	1
23) Vinyl Acetate	3.17	43	604	16.882	ug/l #	74
24) 1,1-Dichloroethane	2.84	63	62	1.399	ug/l #	86
25) 2-Butanone	4.33	43	263	26.370	ug/l #	55
26) 2,2-Dichloropropane	3.61	77	67	3.568	ug/l #	52
27) cis-1,2-Dichloroethene	3.47	96	70	1.973	ug/l	1
29) Tetrahydrofuran	4.10	42	62	13.678	ug/l #	33
31) Cyclohexane	3.61	56	62	1.292	ug/l #	16
37) Ethyl Acetate	4.11	43	150	11.032	ug/l #	30
39) Methylcyclohexane	5.51	83	64	1.849	ug/l #	44
41) Methacrylonitrile	4.76	41	201	28.907	ug/l #	25
43) Isopropyl Acetate	6.97	43	74	4.598	ug/l #	43
48) Methyl methacrylate	6.69	41	189	19.514	ug/l #	17
51) 4-Methyl-2-Pentanone	8.21	43	312	27.131	ug/l #	34
58) 2-Chloroethyl Vinyl ether	7.24	63	66	25.182	ug/l #	44
59) 2-Hexanone	9.45	43	66	8.188	ug/l #	23
74) N-amyl acetate	11.40	43	222	40.343	ug/l #	44

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80) 1,3,5-Trimethylbenzene	11.83	105	67	3.657	ug/l #	23
82) 4-Chlorotoluene	12.02	91	60	3.923	ug/l #	37
86) p-Isopropyltoluene	12.46	119	225	10.215	ug/l #	50
89) n-Butylbenzene	12.70	91	68	3.269	ug/l #	28
92) 1,2-Dibromo-3-Chloropropan	13.76	75	66	101.353	ug/l #	1
95) Naphthalene	14.50	128	64	4.859	ug/l #	69

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

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