

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022519\
 Data File : VF061729.D
 Acq On : 25 Feb 2019 14:40
 Operator : VA/AP
 Sample : K1348-03
 Misc : 6.41g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OK-03-022219-A

Quant Time: Feb 26 04:31:52 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	14234	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.60	114	15424	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	9520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	2806	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.84	65	2151	20.61	ug/l	-0.02
Spiked Amount			Recovery	=	41.22%	
35) Dibromofluoromethane	4.11	113	3657	31.93	ug/l	0.00
Spiked Amount			Recovery	=	63.86%	
50) Toluene-d8	7.55	98	11561	35.11	ug/l	0.00
Spiked Amount			Recovery	=	70.22%	
62) 4-Bromofluorobenzene	11.42	95	2659	19.96	ug/l	0.00
Spiked Amount			Recovery	=	39.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.12	50	182	1.061	ug/l #	64
5) Bromomethane	1.32	94	409	3.727	ug/l #	3
6) Chloroethane	1.45	64	88	1.120	ug/l #	1
8) Diethyl Ether	1.62	74	75	1.548	ug/l #	1
11) Tert butyl alcohol	2.65	59	79	13.078	ug/l #	1
13) Acrolein	1.97	56	212	27.923	ug/l	91
14) Allyl chloride	2.09	41	287	1.918	ug/l #	73
15) Acrylonitrile	2.93	53	311	14.514	ug/l #	36
16) Acetone	2.13	43	789	35.231	ug/l	98
18) Methyl Acetate	2.37	43	418	8.285	ug/l	99
20) Methylene Chloride	2.18	84	604	2.646	ug/l #	67
21) trans-1,2-Dichloroethene	2.32	96	214	1.614	ug/l #	42
22) Diisopropyl ether	2.85	45	1022	2.845	ug/l #	1
23) Vinyl Acetate	3.20	43	294	1.675	ug/l #	74
25) 2-Butanone	4.30	43	454	9.281	ug/l #	55
29) Tetrahydrofuran	4.05	42	143	6.432	ug/l #	33
37) Ethyl Acetate	4.11	43	118	1.663	ug/l #	30
39) Methylcyclohexane	5.60	83	232	1.284	ug/l #	15
41) Methacrylonitrile	4.77	41	263	7.246	ug/l #	25
43) Isopropyl Acetate	6.96	43	91	1.083	ug/l #	43
48) Methyl methacrylate	6.69	41	62	1.226	ug/l #	17
51) 4-Methyl-2-Pentanone	8.28	43	336	5.598	ug/l #	34
59) 2-Hexanone	9.51	43	209	4.967	ug/l #	23
74) N-amyl acetate	11.39	43	170	3.545	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	11.61	83	60	1.676	ug/l #	26

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

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