

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011019\
 Data File : VF061343.D
 Acq On : 10 Jan 2019 14:50
 Operator : VA/AP
 Sample : K1006-09
 Misc : 4.05g/5mL/MSVOA-F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 JC-03-010819-E

Quant Time: Jan 11 00:30:50 2019
 Quant Method : Z:\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	5665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	7639	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.80	117	4751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	1540	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.86	65	1080	17.13	ug/l	0.00
Spiked Amount			Recovery	=	34.26%	
35) Dibromofluoromethane	4.13	113	1739	29.75	ug/l	0.02
Spiked Amount			Recovery	=	59.50%	
50) Toluene-d8	7.56	98	7052	40.77	ug/l	-0.01
Spiked Amount			Recovery	=	81.54%	
62) 4-Bromofluorobenzene	11.42	95	1800	23.83	ug/l	0.00
Spiked Amount			Recovery	=	47.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.28	94	201	5.523	ug/l #	6
6) Chloroethane	1.22	64	82	2.019	ug/l #	45
8) Diethyl Ether	1.46	74	60	2.898	ug/l	97
11) Tert butyl alcohol	2.72	59	62	24.558	ug/l #	58
12) 1,1-Dichloroethene	1.81	96	143	2.402	ug/l #	1
13) Acrolein	2.00	56	439	151.563	ug/l	93
14) Allyl chloride	2.10	41	298	2.739	ug/l #	71
15) Acrylonitrile	2.92	53	82	9.162	ug/l #	12
16) Acetone	2.19	43	1158	78.947	ug/l	94
18) Methyl Acetate	2.37	43	418	14.484	ug/l #	65
20) Methylene Chloride	2.19	84	161	2.594	ug/l #	24
21) trans-1,2-Dichloroethene	2.30	96	99	1.569	ug/l #	1
22) Diisopropyl ether	2.80	45	282	1.340	ug/l #	1
23) Vinyl Acetate	3.21	43	983	15.967	ug/l #	77
25) 2-Butanone	4.33	43	314	13.300	ug/l #	56
28) Bromochloromethane	3.71	49	71	1.322	ug/l #	13
29) Tetrahydrofuran	4.09	42	60	6.079	ug/l #	36
37) Ethyl Acetate	4.15	43	95	2.924	ug/l #	1
41) Methacrylonitrile	4.74	41	134	7.387	ug/l #	53
43) Isopropyl Acetate	7.00	43	62	1.446	ug/l #	45
48) Methyl methacrylate	6.75	41	507	18.212	ug/l #	21
49) 1,4-Dioxane	6.70	88	73	415.585	ug/l #	20
51) 4-Methyl-2-Pentanone	8.29	43	308	9.514	ug/l #	38
55) 1,1,2-Trichloroethane	8.40	97	61	1.628	ug/l #	15
56) Ethyl methacrylate	8.74	69	137	3.272	ug/l #	20
59) 2-Hexanone	9.49	43	198	8.634	ug/l #	27
67) Ethyl Benzene	9.91	91	220	1.189	ug/l #	48
68) m/p-Xylenes	10.14	106	82	1.271	ug/l	83
69) o-Xylene	10.71	106	191	2.650	ug/l #	1
74) N-amyl acetate	11.39	43	163	5.291	ug/l #	48
80) 1,3,5-Trimethylbenzene	11.72	105	583	5.407	ug/l	88
84) 1,2,4-Trimethylbenzene	12.21	105	858	8.015	ug/l	70
95) Naphthalene	14.47	128	70	1.074	ug/l #	70

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

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