

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122018\
 Data File : VF061108.D
 Acq On : 20 Dec 2018 15:16
 Operator : VA/AP
 Sample : J6377-09
 Misc : 4.18g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SD003-0006-01

Manual Integrations
 APPROVED

apatel
 12/21/2018 12:23:21 PM

Quant Time: Dec 21 07:40:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	181624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	283912	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.78	117	178777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	43903	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	98609	42.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.42%	
35) Dibromofluoromethane	4.12	113	106669	46.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.80%	
50) Toluene-d8	7.56	98	208754	32.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.78%	
62) 4-Bromofluorobenzene	11.42	95	55324	18.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.24%	
Target Compounds						
						Qvalue
31) Cyclohexane	3.76	56	126910m	37.194	ug/l	
39) Methylcyclohexane	5.46	83	344102m	111.922	ug/l	
40) Benzene	4.64	78	26862	3.645	ug/l	92
52) Toluene	7.63	92	6419	1.316	ug/l #	62
65) Chlorobenzene	9.80	112	36500	9.883	ug/l #	85
67) Ethyl Benzene	9.91	91	11856	1.762	ug/l #	88
68) m/p-Xylenes	10.14	106	216052	91.242	ug/l	99
69) o-Xylene	10.72	106	14804	5.637	ug/l	97
73) Isopropylbenzene	11.13	105	17334	4.582	ug/l	86
78) n-propylbenzene	11.60	91	35937	6.886	ug/l	97
80) 1,3,5-Trimethylbenzene	11.82	105	35360	11.350	ug/l	94
84) 1,2,4-Trimethylbenzene	12.21	105	107009	34.445	ug/l	95
86) p-Isopropyltoluene	12.46	119	7331m	2.111	ug/l	
87) 1,3-Dichlorobenzene	12.48	146	44741	31.693	ug/l	92
88) 1,4-Dichlorobenzene	12.57	146	149985	100.292	ug/l	100
89) n-Butylbenzene	12.85	91	5315m	1.530	ug/l	
91) 1,2-Dichlorobenzene	12.95	146	2293	1.575	ug/l	93
95) Naphthalene	14.46	128	8773	4.653	ug/l	96

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

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