

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031519\
 Data File : VF061967.D
 Acq On : 15 Mar 2019 18:08
 Operator : VA/AP
 Sample : K1928-10
 Misc : 6.57g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SI-1(9-9.5)

Manual Integrations
 APPROVED

MMDadoda
 3/17/2019 5:22:57 AM

Quant Time: Mar 16 00:33:13 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	4.91	168	191713	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.63	114	269593	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.81	117	280739	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.57	152	122856	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.88	65	57658	41.30	ug/l	0.03
Spiked Amount				50.000		
			Recovery	=	82.60%	
35) Dibromofluoromethane	4.14	113	89556	47.60	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	95.20%	
50) Toluene-d8	7.62	98	263107	47.05	ug/l	0.06
Spiked Amount				50.000		
			Recovery	=	94.10%	
62) 4-Bromofluorobenzene	11.44	95	212508	97.01	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	194.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.25	43	2431859	8315.433	ug/l #	87
31) Cyclohexane	3.79	56	10819027	3677.977	ug/l	95
39) Methylcyclohexane	5.59	83	12957736	4307.874	ug/l	95
40) Benzene	4.68	78	11773741	1768.745	ug/l #	88
52) Toluene	7.78	92	26377745	6698.524	ug/l #	60
67) Ethyl Benzene	9.98	91	14685071	1642.680	ug/l #	65
68) m/p-Xylenes	10.26	106	15398846	4496.432	ug/l #	55
69) o-Xylene	10.78	106	7012629	1901.615	ug/l	63
73) Isopropylbenzene	11.15	105	2142061	253.260	ug/l	93
78) n-propylbenzene	11.62	91	5421471	567.602	ug/l #	76
80) 1,3,5-Trimethylbenzene	11.86	105	5175785	762.186	ug/l	83
84) 1,2,4-Trimethylbenzene	12.25	105	9495434	1426.391	ug/l	75
85) sec-Butylbenzene	12.33	105	833985	88.878	ug/l #	70
86) p-Isopropyltoluene	12.48	119	231937m	29.079	ug/l	
89) n-Butylbenzene	12.87	91	1696775	222.596	ug/l #	80
95) Naphthalene	14.47	128	2908872	636.156	ug/l #	92

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

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