

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122118\
 Data File : VF061131.D
 Acq On : 21 Dec 2018 17:41
 Operator : VA/AP
 Sample : J6377-09RE
 Misc : 3.84g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 10:51:28 AM

Quant Time: Dec 22 00:02:07 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	4.91	168	25121	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	5.63	114	37342	50.00	ug/l	0.04
63) Chlorobenzene-d5	9.82	117	20601	50.00	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	12.58	152	4476	50.00	ug/l	0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.89	65	8343	25.82	ug/l	0.05
Spiked Amount	50.000		Recovery	=	51.64%	
35) Dibromofluoromethane	4.14	113	9653	32.27	ug/l	0.03
Spiked Amount	50.000		Recovery	=	64.54%	
50) Toluene-d8	7.59	98	26122	30.82	ug/l	0.03
Spiked Amount	50.000		Recovery	=	61.64%	
62) 4-Bromofluorobenzene	11.44	95	6852m	17.53	ug/l	0.03
Spiked Amount	50.000		Recovery	=	35.06%	
Target Compounds						
						Qvalue
31) Cyclohexane	3.73	56	19501m	41.321	ug/l	
39) Methylcyclohexane	5.49	83	60676	150.048	ug/l	97
52) Toluene	7.67	92	1469	2.289	ug/l	89
65) Chlorobenzene	9.84	112	5683	13.353	ug/l	94
68) m/p-Xylenes	10.17	106	33896	124.224	ug/l	97
69) o-Xylene	10.75	106	776	2.564	ug/l	34
73) Isopropylbenzene	11.16	105	3678	9.535	ug/l #	68
78) n-propylbenzene	11.62	91	8827	17.441	ug/l	97
80) 1,3,5-Trimethylbenzene	11.85	105	8701	27.395	ug/l	90
84) 1,2,4-Trimethylbenzene	12.23	105	22368	70.622	ug/l	98
85) sec-Butylbenzene	12.33	105	1326	3.109	ug/l	90
86) p-Isopropyltoluene	12.49	119	1374	3.881	ug/l	90
87) 1,3-Dichlorobenzene	12.50	146	7420	55.331	ug/l	93
88) 1,4-Dichlorobenzene	12.59	146	28017	183.756	ug/l	97

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

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