

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121918\
 Data File : VF061085.D
 Acq On : 19 Dec 2018 15:17
 Operator : VA/AP
 Sample : J6347-20RE
 Misc : 2.43g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SD001-0006-01RE

Manual Integrations
 APPROVED

apatel
 12/20/2018 10:29:27 AM

Quant Time: Dec 20 02:57:24 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	4.87	168	96587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	131503	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	51256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	9955	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	78628	63.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.58%	
35) Dibromofluoromethane	4.12	113	75747	71.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	143.82%	
50) Toluene-d8	7.56	98	103651	34.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.44%	
62) 4-Bromofluorobenzene	11.41	95	21130	15.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	30.70%	
Target Compounds						
					Qvalue	
16) Acetone	2.24	43	77151	310.661	ug/l	97
25) 2-Butanone	4.34	43	30390	75.453	ug/l #	82
31) Cyclohexane	3.69	56	81724	45.038	ug/l	96
39) Methylcyclohexane	5.45	83	303198	212.913	ug/l	97
40) Benzene	4.63	78	57029	16.707	ug/l	96
52) Toluene	7.63	92	10794	4.777	ug/l	95
65) Chlorobenzene	9.80	112	169520	160.094	ug/l	99
67) Ethyl Benzene	9.90	91	6776	3.513	ug/l	98
68) m/p-Xylenes	10.15	106	2177290	3207.143	ug/l	81
69) o-Xylene	10.72	106	350036	464.895	ug/l	87
73) Isopropylbenzene	11.12	105	39167	45.656	ug/l	96
78) n-propylbenzene	11.60	91	68712	79.062	ug/l	98
80) 1,3,5-Trimethylbenzene	11.82	105	135583	191.937	ug/l	95
84) 1,2,4-Trimethylbenzene	12.21	105	399886	567.675	ug/l	98
85) sec-Butylbenzene	12.31	105	15819	16.676	ug/l #	73
86) p-Isopropyltoluene	12.46	119	28971m	36.794	ug/l	
87) 1,3-Dichlorobenzene	12.47	146	39565	141.079	ug/l	93
88) 1,4-Dichlorobenzene	12.56	146	299307	882.646	ug/l	98
89) n-Butylbenzene	12.84	91	29264	34.290	ug/l #	58
95) Naphthalene	14.46	128	36200	84.670	ug/l	98

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

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