

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121418\
 Data File : VF061022.D
 Acq On : 14 Dec 2018 16:13
 Operator : VA/AP
 Sample : J6403-17RE
 Misc : 4.7g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-3-ARE

Manual Integrations
 APPROVED

apatel
 12/15/2018 3:26:03 PM

Quant Time: Dec 15 00:58:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	118386	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.59	114	234949	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.77	117	173495	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.54	152	47030	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	92962	66.66	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	133.32%	
35) Dibromofluoromethane	4.11	113	102739	55.12	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	110.24%	
50) Toluene-d8	7.54	98	218117	39.73	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	79.46%	
62) 4-Bromofluorobenzene	11.41	95	97143	38.93	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	77.86%	
Target Compounds						
16) Acetone	2.24	43	21860	85.000	ug/l	Qvalue 94
25) 2-Butanone	4.33	43	5703	12.821	ug/l	96
39) Methylcyclohexane	5.44	83	6444	2.360	ug/l #	85
40) Benzene	4.62	78	19719	3.425	ug/l #	86
52) Toluene	7.62	92	26365	6.520	ug/l	93
67) Ethyl Benzene	9.89	91	287602	45.771	ug/l	96
68) m/p-Xylenes	10.13	106	44700	19.779	ug/l	93
69) o-Xylene	10.71	106	87459	35.095	ug/l	96
70) Styrene	10.79	104	15727	4.553	ug/l	100
73) Isopropylbenzene	11.12	105	202421	54.464	ug/l	98
78) n-propylbenzene	11.59	91	52697	12.108	ug/l	94
80) 1,3,5-Trimethylbenzene	11.82	105	548942	181.940	ug/l	100
84) 1,2,4-Trimethylbenzene	12.20	105	1459633	484.734	ug/l	97
85) sec-Butylbenzene	12.30	105	36872m	8.764	ug/l	
86) p-Isopropyltoluene	12.45	119	352583m	99.957	ug/l	
95) Naphthalene	14.47	128	6043528	3260.832	ug/l #	81

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

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