

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062618\
 Data File : VF059323.D
 Acq On : 26 Jun 2018 18:09
 Operator : VA/AP
 Sample : J3664-17RE
 Misc : 5.49g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 WP021SB485-29-31-180619RE

Manual Integrations
 APPROVED

apatel
 6/27/2018 5:48:22 PM

Quant Time: Jun 27 05:12:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	250164	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.74	114	421584	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.90	117	319247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	156735	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.00	65	144993	44.86	ug/l	-0.01
Spiked Amount			Recovery	=	89.72%	
35) Dibromofluoromethane	4.27	113	136363	44.27	ug/l	-0.01
Spiked Amount			Recovery	=	88.54%	
50) Toluene-d8	7.69	98	313178	41.06	ug/l	-0.01
Spiked Amount			Recovery	=	82.12%	
62) 4-Bromofluorobenzene	11.50	95	253093	58.83	ug/l	0.00
Spiked Amount			Recovery	=	117.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	89380	104.80	ug/l	97
17) Carbon Disulfide	1.83	76	17726	5.11	ug/l	95
20) Methylene Chloride	2.27	84	19481m	3.94	ug/l	
25) 2-Butanone	4.48	43	29902	28.15	ug/l	99
27) cis-1,2-Dichloroethene	3.61	96	11620	4.86	ug/l	69
30) Chloroform	4.01	83	6735	1.22	ug/l	94
31) Cyclohexane	3.83	56	9657	3.88	ug/l #	77
39) Methylcyclohexane	5.61	83	140140	42.94	ug/l	96
40) Benzene	4.79	78	14373	1.76	ug/l #	89
65) Chlorobenzene	9.92	112	845295	142.89	ug/l	100
73) Isopropylbenzene	11.22	105	77394	8.48	ug/l	99
83) tert-Butylbenzene	12.20	119	204625	25.58	ug/l	77
85) sec-Butylbenzene	12.38	105	1703980	160.69	ug/l #	60
88) 1,4-Dichlorobenzene	12.63	146	157513	34.82	ug/l #	80
89) n-Butylbenzene	12.91	91	1326100m	146.79	ug/l	
91) 1,2-Dichlorobenzene	13.01	146	74156	16.12	ug/l #	71

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

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