

Data Path : Z:\voasrv\HPCHEM1\MSVOA_F\Data\VF122018\
 Data File : VF061106.D
 Acq On : 20 Dec 2018 14:19
 Operator : VA/AP
 Sample : J6377-04
 Misc : 4.60g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SD014-0612-01

Manual Integrations
 APPROVED

apatel
 12/21/2018 12:23:16 PM

Quant Time: Jan 03 11:31:27 2019
 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	4.88	168	169739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	255934	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.79	117	162638	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	44360m	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	89747	41.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.22%	
35) Dibromofluoromethane	4.12	113	95416	46.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.08%	
50) Toluene-d8	7.56	98	216371	37.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.48%	
62) 4-Bromofluorobenzene	11.42	95	68792	25.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	51.36%	
Target Compounds						
						Qvalue
31) Cyclohexane	3.77	56	2431222m	762.415	ug/l	
39) Methylcyclohexane	5.47	83	3127145m	1128.318	ug/l	
40) Benzene	4.64	78	106377	16.012	ug/l	97
52) Toluene	7.63	92	560147	127.373	ug/l	97
65) Chlorobenzene	9.82	112	3331053	991.421	ug/l	91
67) Ethyl Benzene	9.93	91	6476092	1058.000	ug/l #	85
68) m/p-Xylenes	10.29	106	23006347m	10680.027	ug/l	
69) o-Xylene	10.76	106	3811132	1595.214	ug/l	62
73) Isopropylbenzene	11.13	105	596422	156.020	ug/l	99
80) 1,3,5-Trimethylbenzene	11.83	105	1407470	447.138	ug/l	96
83) tert-Butylbenzene	12.14	119	28800	8.891	ug/l #	57
84) 1,2,4-Trimethylbenzene	12.22	105	3566086	1136.071	ug/l	88
85) sec-Butylbenzene	12.32	105	129806	30.708	ug/l #	78
86) p-Isopropyltoluene	12.47	119	184047m	52.455	ug/l	
87) 1,3-Dichlorobenzene	12.48	146	362209	296.198	ug/l	98
88) 1,4-Dichlorobenzene	12.58	146	2685706	1777.370	ug/l	81
89) n-Butylbenzene	12.85	91	263974	94.905	ug/l #	76
91) 1,2-Dichlorobenzene	12.95	146	33760m	22.948	ug/l	
95) Naphthalene	14.46	128	353733	185.673	ug/l	97

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

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