

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF122018\
 Data File : VF061104.D
 Acq On : 20 Dec 2018 13:21
 Operator : VA/AP
 Sample : J6377-02
 Misc : 2.78g/5mL/MSVOA-F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SD012-0612-02

Manual Integrations
 APPROVED

MMDadoda
 1/3/2019 11:36:53 AM

Quant Time: Mar 01 03:27:41 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	4.87	168	86927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	151781	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	88516	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.55	152	23319	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.85	65	53187	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
35) Dibromofluoromethane	4.12	113	57093	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
50) Toluene-d8	7.57	98	118927	34.52	ug/l	0.02
Spiked Amount	50.000		Recovery	=	69.04%	
62) 4-Bromofluorobenzene	11.42	95	31238	19.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.34%	

Target Compounds

						Qvalue
27) cis-1,2-Dichloroethene	3.49	96	8051	6.417	ug/l	92
31) Cyclohexane	3.69	56	217200	133.001	ug/l	91
39) Methylcyclohexane	5.46	83	204357	124.332	ug/l	98
40) Benzene	4.63	78	631229	160.212	ug/l	96
52) Toluene	7.66	92	6901698	2646.316	ug/l #	70
65) Chlorobenzene	9.81	112	2145272	1173.165	ug/l	95
67) Ethyl Benzene	9.92	91	5239428	1572.739	ug/l #	83
68) m/p-Xylenes	10.23	106	12783046	10903.333	ug/l #	47
69) o-Xylene	10.75	106	3233910	2487.099	ug/l	66
73) Isopropylbenzene	11.13	105	247326m	123.077	ug/l	
80) 1,3,5-Trimethylbenzene	11.83	105	463569	280.155	ug/l	99
84) 1,2,4-Trimethylbenzene	12.21	105	1287708	780.392	ug/l	95
85) sec-Butylbenzene	12.31	105	30213m	13.597	ug/l	
86) p-Isopropyltoluene	12.46	119	346247m	187.727	ug/l	
87) 1,3-Dichlorobenzene	12.48	146	157473	243.926	ug/l	98
88) 1,4-Dichlorobenzene	12.57	146	1170970	1474.167	ug/l	90
89) n-Butylbenzene	12.85	91	60072	29.454	ug/l #	78
91) 1,2-Dichlorobenzene	12.95	146	21536	27.848	ug/l	96
95) Naphthalene	14.46	128	405433	404.830	ug/l	98

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

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