

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032219\
 Data File : VF062086.D
 Acq On : 22 Mar 2019 16:53
 Operator : VA/AP
 Sample : K2043-02
 Misc : 5.69g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 WP022SB442-190319-FD-(12-14)

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 11:57:18 AM

Quant Time: Mar 23 06:55:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 01:16:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.90	168	25260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.63	114	35953	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.80	117	13946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.58	152	5552	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.88	65	4529	24.11	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	48.22%	
35) Dibromofluoromethane	4.14	113	9662	39.73	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	79.46%	
50) Toluene-d8	7.58	98	35107	48.36	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.72%	
62) 4-Bromofluorobenzene	11.46	95	19172m	68.41	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	136.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	5.48	83	119487	300.633	ug/l	96
40) Benzene	4.67	78	93886	102.267	ug/l	99
52) Toluene	7.65	92	2716	5.108	ug/l #	41
56) Ethyl methacrylate	8.65	69	134339	745.789	ug/l #	78
65) Chlorobenzene	9.83	112	1938173	7427.681	ug/l	93
67) Ethyl Benzene	9.93	91	7042	15.518	ug/l	92
68) m/p-Xylenes	10.16	106	3094	18.242	ug/l #	63
69) o-Xylene	10.74	106	2794	15.728	ug/l #	32
73) Isopropylbenzene	11.15	105	37551	96.118	ug/l	98
78) n-propylbenzene	11.62	91	88541	195.177	ug/l	96
83) tert-Butylbenzene	12.15	119	48514	144.219	ug/l	83
85) sec-Butylbenzene	12.33	105	84066	193.178	ug/l #	59
87) 1,3-Dichlorobenzene	12.50	146	68823	388.106	ug/l #	76
88) 1,4-Dichlorobenzene	12.58	146	76064	439.579	ug/l #	74
89) n-Butylbenzene	12.86	91	56778	157.847	ug/l	95

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

