

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060419\
 Data File : VF062841.D
 Acq On : 4 Jun 2019 16:20
 Operator : FY/SY
 Sample : K3171-04
 Misc : 4.00g/5mL/MSVOA F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-SF-03-008-B

Manual Integrations
 APPROVED

MMDadoda
 6/6/2019 8:48:59 AM

Quant Time: Jun 05 06:26:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	676257	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.78	114	1140298	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	763575	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	210962	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.04	65	191943	41.05	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	82.10%	
35) Dibromofluoromethane	4.31	113	43376	5.03	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	10.06%	
50) Toluene-d8	7.71	98	758623	34.82	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	69.64%	
62) 4-Bromofluorobenzene	11.50	95	229113	29.23	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	58.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.35	43	72002	67.272	ug/l	92
40) Benzene	4.82	78	34378	1.125	ug/l #	87
44) Trichloroethene	5.68	130	9256	1.073	ug/l	87
52) Toluene	7.78	92	110644	6.724	ug/l	88
67) Ethyl Benzene	10.03	91	36348	1.436	ug/l #	85
68) m/p-Xylenes	10.26	106	36765	3.797	ug/l	83
69) o-Xylene	10.82	106	21244	2.167	ug/l	70
70) Styrene	10.90	104	146926	10.168	ug/l	96
73) Isopropylbenzene	11.22	105	22727	1.544	ug/l	88
78) n-propylbenzene	11.67	91	32504	1.829	ug/l	80
80) 1,3,5-Trimethylbenzene	11.89	105	35200	2.924	ug/l	90
82) 4-Chlorotoluene	11.97	91	11899	1.191	ug/l	89
84) 1,2,4-Trimethylbenzene	12.27	105	87212	7.641	ug/l	88
85) sec-Butylbenzene	12.37	105	18291	1.164	ug/l	94
86) p-Isopropyltoluene	12.52	119	22241m	1.700	ug/l	
89) n-Butylbenzene	12.90	91	18671	1.419	ug/l	94
91) 1,2-Dichlorobenzene	13.00	146	6530	1.139	ug/l	79
95) Naphthalene	14.49	128	428873	66.501	ug/l	99

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

