

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032219\
 Data File : VF062085.D
 Acq On : 22 Mar 2019 16:24
 Operator : VA/AP
 Sample : K2043-01
 Misc : 5.28g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 11:57:17 AM

Quant Time: Mar 23 06:40:01 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	4.91	168	178969	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.63	114	304192	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.84	117	129551	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.58	152	68553	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.88	65	92440	69.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	138.88%	
35) Dibromofluoromethane	4.15	113	127237	61.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.66%	
50) Toluene-d8	7.59	98	326494	53.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.30%	
62) 4-Bromofluorobenzene	11.45	95	183270m	77.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	154.58%	
Target Compounds						
					Qvalue	
16) Acetone	2.25	43	57908	206.689	ug/l	99
17) Carbon Disulfide	1.83	76	6677	1.269	ug/l #	89
20) Methylene Chloride	2.27	84	17651m	7.765	ug/l	
25) 2-Butanone	4.37	43	36871	63.039	ug/l #	88
39) Methylcyclohexane	5.49	83	581841m	173.024	ug/l	
40) Benzene	4.67	78	802012	103.253	ug/l	99
52) Toluene	7.66	92	45438	10.100	ug/l	88
56) Ethyl methacrylate	8.69	69	542994	356.284	ug/l #	85
65) Chlorobenzene	9.89	112	13755155	5674.598	ug/l #	65
67) Ethyl Benzene	9.95	91	113163	26.844	ug/l	96
68) m/p-Xylenes	10.17	106	40098	25.449	ug/l	93
69) o-Xylene	10.74	106	16694	10.116	ug/l	53
73) Isopropylbenzene	11.16	105	373548	77.438	ug/l	99
78) n-propylbenzene	11.63	91	743545	132.744	ug/l	94
83) tert-Butylbenzene	12.16	119	433008	104.250	ug/l	82
85) sec-Butylbenzene	12.35	105	560789	104.366	ug/l #	64
87) 1,3-Dichlorobenzene	12.51	146	1164601	531.884	ug/l #	78
88) 1,4-Dichlorobenzene	12.60	146	1405104	657.641	ug/l #	79
89) n-Butylbenzene	12.87	91	430891	97.017	ug/l	94
91) 1,2-Dichlorobenzene	12.97	146	78894	38.373	ug/l #	25
94) Hexachlorobutadiene	14.22	225	1123	1.179	ug/l	95
95) Naphthalene	14.48	128	38275	15.242	ug/l #	15

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

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