

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
 Data File : BF114536.D
 Acq On : 23 May 2019 21:08
 Operator : JU/SJ
 Sample : K2978-01 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-SOIL

Manual Integrations
 APPROVED

mohammad
 5/24/2019 1:36:33 PM

Quant Time: May 24 07:54:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	198629	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	794063	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	386884	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	748628	20.00	ng	0.00
76) Chrysene-d12	13.99	240	422222	20.00	ng	0.00
87) Perylene-d12	15.46	264	556669	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	297805	24.13	ng	0.00
7) Phenol-d6	6.46	99	406181	27.82	ng	0.00
23) Nitrobenzene-d5	7.37	82	229822	16.24	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	99668	24.92	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	462603	18.09	ng	0.00
79) Terphenyl-d14	12.92	244	435520	21.26	ng	0.00

Target Compounds				Qvalue		
31) Naphthalene	8.12	128	158849	4.283	ng	99
49) Acenaphthylene	9.71	152	462527	12.090	ng	97
50) Dimethylphthalate	9.56	163	58400	2.056	ng	100
71) Phenanthrene	11.36	178	864956	23.748	ng	97
72) Anthracene	11.41	178	495082	13.533	ng	98
75) Fluoranthene	12.56	202	2999553	76.477	ng	97
78) Pyrene	12.80	202	3378339	99.463	ng	98
81) Benzo(a)anthracene	13.98	228	2010526m	73.621	ng	
83) Chrysene	14.02	228	1666177	62.239	ng	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	55137	2.949	ng	# 97
86) Indeno(1,2,3-cd)pyrene	16.95	276	1563068	66.065	ng	94
88) Benzo(b)fluoranthene	15.04	252	2865631m	80.352	ng	
89) Benzo(k)fluoranthene	15.06	252	641460m	19.580	ng	
90) Benzo(a)pyrene	15.41	252	2109007	67.194	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	369543m	14.169	ng	
92) Benzo(g,h,i)perylene	17.40	276	1640881	62.780	ng	99

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

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