

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
 Data File : BF114509.D
 Acq On : 23 May 2019 2:59
 Operator : JU/SJ
 Sample : K2978-01 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-SOIL

Manual Integrations
 APPROVED

mohammad
 5/24/2019 8:49:39 AM

Quant Time: May 23 04:51:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	194364	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	779185	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	359453	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	629390	20.00	ng	0.00
76) Chrysene-d12	14.01	240	423600	20.00	ng	0.00
87) Perylene-d12	15.48	264	444878	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	297953	24.67	ng	-0.01
7) Phenol-d6	6.47	99	395812	27.71	ng	-0.01
23) Nitrobenzene-d5	7.39	82	221517	15.95	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	81795	22.01	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	429096	18.06	ng	0.00
79) Terphenyl-d14	12.93	244	360961	17.57	ng	0.00

Target Compounds				Qvalue		
31) Naphthalene	8.13	128	152474	4.189	ng	99
49) Acenaphthylene	9.73	152	506651	14.254	ng	98
50) Dimethylphthalate	9.58	163	52999	2.009	ng	99
71) Phenanthrene	11.38	178	716069	23.385	ng	97
72) Anthracene	11.43	178	419700	13.646	ng	99
75) Fluoranthene	12.58	202	2666213	80.857	ng	99
78) Pyrene	12.81	202	3085051	90.533	ng	98
81) Benzo(a)anthracene	14.00	228	2003971m	73.142	ng	
83) Chrysene	14.03	228	1653366	61.560	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	47232	2.518	ng	98
86) Indeno(1,2,3-cd)pyrene	16.97	276	1035484	43.624	ng	95
88) Benzo(b)fluoranthene	15.06	252	2549024m	89.435	ng	
89) Benzo(k)fluoranthene	15.08	252	681914m	26.046	ng	
90) Benzo(a)pyrene	15.43	252	1755008	69.966	ng	98
91) Dibenzo(a,h)anthracene	16.96	278	253786m	12.176	ng	
92) Benzo(g,h,i)perylene	17.42	276	1130902	54.141	ng	98

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

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