

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
 Data File : BF083575.D
 Acq On : 8 Dec 2015 00:27
 Operator : UM/IZ
 Sample : G4579-12 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SHED-EAST-WALL

Manual Integrations
 APPROVED

Mmdadoda
 12/8/2015 6:15:48 PM

Quant Time: Dec 08 04:06:45 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.72	152	120579	20.00	ng	-0.05
21) Naphthalene-d8	7.62	136	452902	20.00	ng	-0.06
38) Acenaphthene-d10	10.41	164	192736	20.00	ng	-0.06
63) Phenanthrene-d10	12.85	188	256456	20.00	ng	0.00
75) Chrysene-d12	17.07	240	243313	20.00	ng	0.02
86) Perylene-d12	18.68	264	229374	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.00	112	279723	35.19	ng	-0.03
7) Phenol-d6	5.29	99	375029	34.25	ng	-0.03
23) Nitrobenzene-d5	6.54	82	234108	24.16	ng	-0.06
41) 2,4,6-Tribromophenol	11.71	330	53423	30.05	ng	-0.05
44) 2-Fluorobiphenyl	9.37	172	383593	26.99	ng	-0.06
78) Terphenyl-d14	15.48	244	284902	26.06	ng	0.00
Target Compounds						Qvalue
48) Acenaphthylene	10.18	152	433505	20.51	ng	99
51) Acenaphthene	10.46	154	32781	2.70	ng	90
54) Dibenzofuran	10.75	168	250685	14.88	ng	98
57) Fluorene	11.31	166	860256	58.69	ng	99
70) Phenanthrene	12.95	178	20837251	1395.89	ng	# 89
71) Anthracene	13.06	178	19372127m	1272.47	ng	
72) Carbazole	13.35	167	13471461	1030.49	ng	# 91
74) Fluoranthene	14.96	202	28585486	1932.17	ng	94
77) Pyrene	15.29	202	16940241	930.71	ng	# 87
80) Benzo(a)anthracene	17.06	228	3751413m	263.52	ng	
82) Chrysene	17.14	228	8306171m	585.68	ng	
85) Indeno(1,2,3-cd)pyrene	19.93	276	641130	52.74	ng	# 100
87) Benzo(b)fluoranthene	18.33	252	4534688m	352.03	ng	
88) Benzo(k)fluoranthene	18.34	252	1114470m	84.46	ng	
89) Benzo(a)pyrene	18.64	252	520229m	41.52	ng	
90) Dibenzo(a,h)anthracene	19.93	278	160465m	13.31	ng	
91) Benzo(a,h,i)perylene	20.29	276	444063	36.55	ng	95

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

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