

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
 Data File : BF087378.D
 Acq On : 25 May 2016 18:27
 Operator : UM/SJ
 Sample : H3211-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TA-1304-(0-4)

Manual Integrations
 APPROVED

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 5/26/2016 6:39:30 PM

Quant Time: May 26 13:16:31 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 22:35:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	105727	20.00	ng	0.00
21) Naphthalene-d8	9.54	136	404835	20.00	ng	-0.01
38) Acenaphthene-d10	12.38	164	159205	20.00	ng	-0.01
63) Phenanthrene-d10	14.78	188	250769	20.00	ng	0.00
75) Chrysene-d12	18.49	240	204153	20.00	ng	0.01
86) Perylene-d12	20.16	264	166440	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	587118	97.58	ng	-0.01
7) Phenol-d6	7.06	99	876431	107.80	ng	-0.01
23) Nitrobenzene-d5	8.43	82	572789	71.31	ng	-0.01
41) 2,4,6-Tribromophenol	13.67	330	142701	93.27	ng	-0.01
44) 2-Fluorobiphenyl	11.32	172	888904	78.71	ng	-0.01
78) Terphenyl-d14	17.13	244	616356	64.19	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Naphthalene	9.58	128	193647	9.55	ng	99
37) 2-Methylnaphthalene	10.71	142	71340	5.63	ng	96
48) Acenaphthylene	12.15	152	666433	41.05	ng	99
49) Dimethylphthalate	12.02	163	136358	10.69	ng	99
51) Acenaphthene	12.42	154	22723	2.28	ng	96
54) Dibenzofuran	12.72	168	70544	5.22	ng	99
57) Fluorene	13.27	166	43044	3.67	ng	# 90
70) Phenanthrene	14.81	178	669810	48.22	ng	100
71) Anthracene	14.89	178	382914	27.29	ng	98
72) Carbazole	15.19	167	92722	7.75	ng	98
73) Di-n-butylphthalate	15.77	149	79269	5.12	ng	98
74) Fluoranthene	16.58	202	2024170	145.32	ng	97
77) Pyrene	16.89	202	1892364	128.77	ng	98
79) Butylbenzylphthalate	17.79	149	23777m	3.65	ng	
80) Benzo(a)anthracene	18.48	228	1500902	129.25	ng	96
82) Chrysene	18.53	228	1448878	125.72	ng	95
83) Bis(2-ethylhexyl)phthalate	18.55	149	31292	3.29	ng	97
85) Indeno(1,2,3-cd)pyrene	21.39	276	849952	92.00	ng	# 91
87) Benzo(b)fluoranthene	19.76	252	1934538m	182.47	ng	
88) Benzo(k)fluoranthene	19.77	252	640205m	70.15	ng	
89) Benzo(a)pyrene	20.10	252	1301287m	141.91	ng	
90) Dibenzo(a,h)anthracene	21.39	278	200953m	25.69	ng	
91) Benzo(g,h,i)perylene	21.75	276	796057m	103.16	ng	

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

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