

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
 Data File : BF091297.D
 Acq On : 24 Nov 2016 1:33
 Operator : UM/SJ
 Sample : H5740-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06(0-0.16)

Manual Integrations
 APPROVED

sohil
 11/28/2016 4:54:06 PM

Quant Time: Nov 24 05:45:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 13:22:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	202942	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	837692	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	381502	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	557129	20.00	ng	0.00
75) Chrysene-d12	14.04	240	459796	20.00	ng	0.00
86) Perylene-d12	15.49	264	412016	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	1484383	117.52	ng	0.02
7) Phenol-d6	6.51	99	1564158	96.38	ng	0.01
23) Nitrobenzene-d5	7.45	82	1156311	79.47	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	351304	91.31	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1500940	64.42	ng	0.00
78) Terphenyl-d14	12.99	244	979331	48.64	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.52	94	144159	7.96	ng	92
48) Acenaphthylene	9.78	152	281877	8.73	ng	98
49) Dimethylphthalate	9.64	163	135161	5.67	ng	99
68) Atrazine	11.10	200	7514	2.18	ng	92
70) Phenanthrene	11.43	178	432761	14.97	ng	99
71) Anthracene	11.48	178	363208	12.29	ng	96
72) Carbazole	11.63	167	60003	2.28	ng	97
74) Fluoranthene	12.61	202	1535614	52.23	ng	96
77) Pyrene	12.84	202	1565470	46.08	ng	98
80) Benzo(a)anthracene	14.03	228	1440337	55.19	ng	# 92
82) Chrysene	14.07	228	942627m	38.22	ng	
85) Indeno(1,2,3-cd)pyrene	16.91	276	625891	29.47	ng	# 92
87) Benzo(b)fluoranthene	15.08	252	1905696m	73.32	ng	
88) Benzo(k)fluoranthene	15.09	252	452371m	21.31	ng	
89) Benzo(a)pyrene	15.44	252	1085342m	49.08	ng	
90) Dibenzo(a,h)anthracene	16.92	278	170480m	8.35	ng	
91) Benzo(g,h,i)perylene	17.33	276	530359	26.19	ng	98

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

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