

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
 Data File : BF110905.D
 Acq On : 20 Nov 2018 20:13
 Operator : JU/SJ
 Sample : J5981-02DL 20X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)DL

Manual Integrations
 APPROVED

Sohil
 11/21/2018 3:18:09 PM

Quant Time: Nov 21 05:34:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	56899	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	236548	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	92549	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	155288	20.00	ng	0.00
76) Chrysene-d12	14.14	240	121192	20.00	ng	0.00
87) Perylene-d12	15.67	264	83327	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	15819	4.52	ng	0.02
7) Phenol-d6	6.59	99	21110	4.71	ng	0.02
23) Nitrobenzene-d5	7.53	82	11577	2.82	ng	0.01
42) 2,4,6-Tribromophenol	10.79	330	3401	3.65	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	21511	3.32	ng	0.00
79) Terphenyl-d14	13.06	244	19504	3.01	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Naphthalene	8.25	128	82278	7.409	ng	98
49) Acenaphthylene	9.85	152	68583	7.656	ng	98
52) Acenaphthene	10.02	154	21305	3.764	ng	97
55) Dibenzofuran	10.19	168	40892	4.937	ng	98
58) Fluorene	10.54	166	69632	10.946	ng	99
71) Phenanthrene	11.50	178	424521	51.027	ng	100
72) Anthracene	11.56	178	177743	21.179	ng	98
73) Carbazole	11.72	167	25611	3.178	ng	99
75) Fluoranthene	12.70	202	596798	71.551	ng	99
78) Pyrene	12.93	202	467459	50.095	ng	98
81) Benzo(a)anthracene	14.13	228	198161	27.356	ng	96
83) Chrysene	14.16	228	154012	22.317	ng	98
86) Indeno(1,2,3-cd)pyrene	17.26	276	58040	11.720	ng	96
88) Benzo(b)fluoranthene	15.22	252	157694m	31.634	ng	
89) Benzo(k)fluoranthene	15.24	252	47608m	9.665	ng	
90) Benzo(a)pyrene	15.60	252	105598	23.315	ng	98
91) Dibenzo(a,h)anthracene	17.26	278	14939	3.898	ng	# 90
92) Benzo(g,h,i)perylene	17.74	276	48957	12.874	ng	95

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

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