

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
 Data File : BF121122.D
 Acq On : 30 Jul 2020 1:34
 Operator : JU/CG
 Sample : L3436-05 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5

Manual Integrations
 APPROVED

mohammad
 7/30/2020 3:34:28 PM

Quant Time: Jul 30 04:14:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	185640	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	655354	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	311422	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	552417	20.00	ng	0.01
76) Chrysene-d12	13.97	240	458397	20.00	ng	0.01
86) Perylene-d12	15.43	264	359498	20.00	ng	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	163250	14.42	ng	0.00
7) Phenol-d6	6.45	99	192657	13.17	ng	0.00
23) Nitrobenzene-d5	7.36	82	99097	8.75	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	41122	12.06	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	220733	10.58	ng	0.00
79) Terphenyl-d14	12.92	244	217372	10.31	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Naphthalene	8.11	128	106982	3.182	ng	99
49) Acenaphthylene	9.70	152	76107	2.529	ng	98
52) Acenaphthene	9.87	154	71580	3.742	ng	98
55) Dibenzofuran	10.05	168	67409	2.437	ng	96
58) Fluorene	10.39	166	104881	5.084	ng	99
71) Phenanthrene	11.36	178	706817	24.878	ng	99
72) Anthracene	11.41	178	270022	9.465	ng	99
73) Carbazole	11.56	167	60658	2.142	ng	99
75) Fluoranthene	12.55	202	1043857	33.147	ng	99
78) Pyrene	12.78	202	1020991	31.503	ng	99
81) Benzo(a)anthracene	13.96	228	460542	16.591	ng	97
83) Chrysene	14.00	228	405568	13.903	ng	97
87) Indeno(1,2,3-cd)pyrene	16.87	276	146188	5.847	ng	97
88) Benzo(b)fluoranthene	15.01	252	394239m	18.142	ng	
89) Benzo(k)fluoranthene	15.03	252	109109m	5.506	ng	
90) Benzo(a)pyrene	15.37	252	271393	13.689	ng	98
92) Benzo(a,h,i)perylene	17.30	276	140355	6.970	ng	96

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

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