

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
 Data File : BF085490.D
 Acq On : 17 Mar 2016 4:48
 Operator : UM/SJ
 Sample : H1796-04 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AOU2-SB04(5-8)

Manual Integrations
 APPROVED

Sohil
 3/17/2016 5:20:22 PM

Quant Time: Mar 17 04:52:35 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 18:57:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	120117	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	492565	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	208904	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	319665	20.00	ng	-0.01
75) Chrysene-d12	14.06	240	222485	20.00	ng	-0.02
86) Perylene-d12	15.51	264	259413	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	15605	2.23	ng	-0.01
7) Phenol-d6	6.52	99	22398	2.47	ng	-0.03
23) Nitrobenzene-d5	7.46	82	12028	1.44	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	2696	1.40	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	27991	2.32	ng	-0.02
78) Terphenyl-d14	13.01	244	15260	1.55	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.54	94	23029	2.27	ng	90
20) 3+4-Methylphenols	7.30	107	15984	2.17	ng	# 77
31) Naphthalene	8.21	128	119969	4.98	ng	96
57) Fluorene	10.48	166	49111	3.86	ng	97
70) Phenanthrene	11.45	178	415787	24.97	ng	96
71) Anthracene	11.50	178	181877	10.72	ng	98
72) Carbazole	11.66	167	50384	3.51	ng	98
74) Fluoranthene	12.63	202	247148	15.79	ng	95
77) Pyrene	12.86	202	180797	10.83	ng	98
80) Benzo(a)anthracene	14.05	228	100528m	7.88	ng	
82) Chrysene	14.08	228	61642	5.37	ng	96
85) Indeno(1,2,3-cd)pyrene	16.93	276	38988	3.58	ng	98
87) Benzo(b)fluoranthene	15.09	252	86272m	5.09	ng	
88) Benzo(k)fluoranthene	15.11	252	37097m	2.80	ng	
89) Benzo(a)pyrene	15.44	252	70500	4.82	ng	# 95
91) Benzo(g,h,i)perylene	17.36	276	30950	2.12	ng	95

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

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