

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
 Data File : BG021056.D
 Acq On : 24 Feb 2016 17:52
 Operator : UM/SJ
 Sample : H1520-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 40054+15(0-2)

Manual Integrations
 APPROVED

Sohil
 2/25/2016 2:40:10 PM

Quant Time: Feb 25 07:52:00 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 24 00:35:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	3617	20.00	ng	0.00
21) Naphthalene-d8	11.02	136	20178	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	10669	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	19734	20.00	ng	0.00
75) Chrysene-d12	21.84	240	21417	20.00	ng	0.01
86) Perylene-d12	25.17	264	18532	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.78	112	23707	114.91	ng	0.00
7) Phenol-d6	7.40	99	45036	141.74	ng	0.00
23) Nitrobenzene-d5	9.38	82	31346	91.21	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	4963	38.83	ng	0.00
44) 2-Fluorobiphenyl	13.44	172	59914	78.18	ng	0.00
78) Terphenyl-d14	20.14	244	63441	38.44	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.08	128	10743	10.18	ng	99
37) 2-Methylnaphthalene	12.66	142	10362	13.49	ng	94
45) 1,1'-Biphenyl	13.65	154	5704	6.16	ng	96
49) Dimethylphthalate	14.27	163	12915	14.85	ng	99
51) Acenaphthene	14.88	154	85474	125.56	ng	96
54) Dibenzofuran	15.22	168	80052	82.82	ng	93
57) Fluorene	15.86	166	100394	109.93	ng	98
70) Phenanthrene	17.63	178	1324447m	1186.46	ng	
71) Anthracene	17.70	178	256826	230.91	ng	98
72) Carbazole	17.98	167	117082	116.82	ng	98
74) Fluoranthene	19.62	202	1266186	1127.91	ng	92
77) Pylene	19.98	202	850019	347.37	ng	# 92
80) Benzo(a)anthracene	21.83	228	383457	298.58	ng	98
82) Chrysene	21.90	228	295717	246.80	ng	95
85) Indeno(1,2,3-cd)pyrene	29.02	276	139733m	129.67	ng	
87) Benzo(b)fluoranthene	24.13	252	352300	288.34	ng	97
88) Benzo(k)fluoranthene	24.19	252	118907m	103.16	ng	
89) Benzo(a)pyrene	25.04	252	256276	234.09	ng	# 94
90) Dibenzo(a,h)anthracene	29.03	278	37222	37.75	ng	98
91) Benzo(a,h,i)perylene	30.20	276	120960	122.93	ng	94

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

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