

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
 Data File : BG016430.D
 Acq On : 15 Apr 2015 19:19
 Operator : TP/IZ
 Sample : PB82798BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82798BS

Manual Integrations
 APPROVED

apatel
 4/16/2015 3:33:23 PM

Quant Time: Apr 16 04:06:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 14:00:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	85754	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	403536	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	251922	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	499732	20.00	ng	0.00
75) Chrysene-d12	21.24	240	404033	20.00	ng	0.00
86) Perylene-d12	23.47	264	384995	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	408481	75.18	ng	0.00
7) Phenol-d6	6.87	99	582066	71.36	ng	0.00
23) Nitrobenzene-d5	8.83	82	384004	55.13	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	135519	79.54	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	912567	61.68	ng	0.00
78) Terphenyl-d14	19.69	244	1003738	58.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.14	88	61214	24.78	ng	97
3) Pyridine	3.53	79	174292	23.61	ng	99
4) n-Nitrosodimethylamine	3.45	42	57901	26.38	ng	99
6) Aniline	7.00	93	106860	9.17	ng	96
8) 2-Chlorophenol	7.24	128	245898	37.68	ng	95
9) Benzaldehyde	6.81	77	42849	8.97	ng	98
10) Phenol	6.90	94	309724	35.49	ng	99
11) bis(2-Chloroethyl)ether	7.10	93	206039	29.61	ng	98
12) 1,3-Dichlorobenzene	7.55	146	222416	33.75	ng	97
13) 1,4-Dichlorobenzene	7.71	146	229760	33.61	ng	97
14) 1,2-Dichlorobenzene	8.02	146	220454	33.72	ng	98
15) Benzyl Alcohol	7.92	79	183552	32.28	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	227277	29.00	ng	99
17) 2-Methylphenol	8.14	107	208931	35.70	ng	99
18) Hexachloroethane	8.74	117	83097	31.78	ng	96
19) n-Nitroso-di-n-propylamine	8.48	70	156351	26.75	ng	97
20) 3+4-Methylphenols	8.46	107	285448	35.21	ng	96
22) Acetophenone	8.49	105	300339	32.10	ng	98
24) Nitrobenzene	8.87	77	225050	30.21	ng	89
25) Isophorone	9.39	82	427220	27.62	ng	96
26) 2-Nitrophenol	9.57	139	136742	39.37	ng	98
27) 2,4-Dimethylphenol	9.66	122	250205	38.67	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	270789	30.67	ng	99
29) 2,4-Dichlorophenol	10.12	162	222561	43.47	ng	97
30) 1,2,4-Trichlorobenzene	10.32	180	197380	36.93	ng	98
31) Naphthalene	10.51	128	712171	33.87	ng	99
32) Benzoic acid	9.82	122	186772	44.93	ng	96
33) 4-Chloroaniline	10.63	127	61054	6.19	ng	96
34) Hexachlorobutadiene	10.79	225	85783	36.53	ng	99
35) Caprolactam	11.41	113	113166m	35.11	ng	
36) 4-Chloro-3-methylphenol	11.78	107	265726	39.29	ng	93
37) 2-Methylnaphthalene	12.12	142	540840	35.76	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	196142	35.36	ng	99
40) Hexachlorocyclopentadiene	12.48	237	174340	68.67	ng	99

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
 Data File : BG016430.D
 Acq On : 15 Apr 2015 19:19
 Operator : TP/IZ
 Sample : PB82798BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PB82798BS

Manual Integrations
 APPROVED

apatel
 4/16/2015 3:33:23 PM

Quant Time: Apr 16 04:06:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 14:00:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	169253	41.07	ng	98
43) 2,4,5-Trichlorophenol	12.84	196	187433	42.56	ng	93
45) 1,1'-Biphenyl	13.15	154	668307	34.58	ng	98
46) 2-Chloronaphthalene	13.19	162	512830	34.84	ng	99
47) 2-Nitroaniline	13.40	65	155938	32.86	ng	91
48) Acenaphthylene	14.03	152	889512	33.98	ng	98
49) Dimethylphthalate	13.78	163	599720	32.48	ng	100
50) 2,6-Dinitrotoluene	13.90	165	158876	35.58	ng	92
51) Acenaphthene	14.38	154	542034	34.65	ng	99
52) 3-Nitroaniline	14.23	138	97753	17.14	ng	88
53) 2,4-Dinitrophenol	14.44	184	177634	69.90	ng	94
54) Dibenzofuran	14.72	168	778841	35.88	ng	98
55) 4-Nitrophenol	14.57	139	325166	69.00	ng	95
56) 2,4-Dinitrotoluene	14.69	165	223811	36.80	ng	89
57) Fluorene	15.36	166	684058	35.72	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.95	232	142812	42.02	ng	90
59) Diethylphthalate	15.14	149	651388	33.14	ng	98
60) 4-Chlorophenyl-phenylether	15.36	204	287026	36.64	ng	96
61) 4-Nitroaniline	15.40	138	194678	30.08	ng	96
62) Azobenzene	15.65	77	659657	31.54	ng	97
64) 4,6-Dinitro-2-methylphenol	15.45	198	119119	35.01	ng	92
65) n-Nitrosodiphenylamine	15.58	169	614894	36.40	ng	99
66) 4-Bromophenyl-phenylether	16.25	248	152310	38.17	ng	97
67) Hexachlorobenzene	16.37	284	155492	37.50	ng	95
68) Atrazine	16.53	200	185160	39.33	ng	97
69) Pentachlorophenol	16.72	266	199692	78.86	ng	98
70) Phenanthrene	17.10	178	964469	34.31	ng	99
71) Anthracene	17.19	178	990567	35.56	ng	99
72) Carbazole	17.47	167	956145	34.20	ng	99
73) Di-n-butylphthalate	18.02	149	1149762	33.61	ng	100
74) Fluoranthene	19.12	202	959316	33.11	ng	96
76) Benzidine	19.30	184	431928	25.21	ng	98
77) Pyrene	19.48	202	984732	35.00	ng	100
79) Butylbenzylphthalate	20.38	149	520661	37.67	ng	93
80) Benzo(a)anthracene	21.22	228	852107	35.68	ng	99
81) 3,3'-Dichlorobenzidine	21.16	252	153680	19.57	ng	96
82) Chrysene	21.27	228	808461	35.07	ng	99
83) Bis(2-ethylhexyl)phthalate	21.15	149	725849	38.79	ng	97
84) Di-n-octyl phthalate	22.02	149	1226021	40.21	ng	98
85) Indeno(1,2,3-cd)pyrene	25.75	276	900876	37.62	ng	97
87) Benzo(b)fluoranthene	22.80	252	802419	35.59	ng	99
88) Benzo(k)fluoranthene	22.84	252	785703	35.61	ng	99
89) Benzo(a)pyrene	23.37	252	795904	37.66	ng	98
90) Dibenzo(a,h)anthracene	25.76	278	754617	36.70	ng	99
91) Benzo(g,h,i)perylene	26.45	276	768450	37.41	ng	97

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

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
 Data File : BG016430.D
 Acq On : 15 Apr 2015 19:19
 Operator : TP/IZ
 Sample : PB82798BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 PB82798BS

Manual Integrations
 APPROVED

apatel
 4/16/2015 3:33:23 PM

Quant Time: Apr 16 04:06:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 14:00:56 2015
 Response via : Initial Calibration

