

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102716\
 Data File : BG024521.D
 Acq On : 27 Oct 2016 9:18
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 28 02:09:32 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	201436	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	767240	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	587480	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	1279305	20.00	ng	0.00
75) Chrysene-d12	21.93	240	1668070	20.00	ng	0.00
86) Perylene-d12	25.36	264	1805543	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.80	112	936497	76.20	ng	0.00
7) Phenol-d6	7.40	99	1313402	77.91	ng	0.00
23) Nitrobenzene-d5	9.45	82	1388048	82.37	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	738914	84.19	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	2684228	75.94	ng	0.00
78) Terphenyl-d14	20.21	244	3872738	69.37	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.67	88	198320	39.50	ng	94
3) Pyridine	4.08	79	589721	39.23	ng	88
4) n-Nitrosodimethylamine	3.99	42	304263	39.10	ng	91
6) Aniline	7.59	93	811731	38.01	ng	98
8) 2-Chlorophenol	7.83	128	476616	38.14	ng	98
9) Benzaldehyde	7.40	77	385642	37.02	ng	98
10) Phenol	7.43	94	677048	38.96	ng	98
11) bis(2-Chloroethyl)ether	7.68	93	506694	38.81	ng	89
12) 1,3-Dichlorobenzene	8.16	146	589868	38.13	ng	98
13) 1,4-Dichlorobenzene	8.31	146	605380	39.62	ng	98
14) 1,2-Dichlorobenzene	8.63	146	568749	38.72	ng	94
15) Benzyl Alcohol	8.51	79	619315	39.49	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.79	45	906392	37.42	ng	97
17) 2-Methylphenol	8.70	107	456338	39.63	ng	96
18) Hexachloroethane	9.36	117	233066	39.68	ng	93
19) n-Nitroso-di-n-propylamine	9.08	70	486352	39.14	ng	97
20) 3+4-Methylphenols	9.03	107	618206	39.98	ng	97
22) Acetophenone	9.10	105	797333	40.46	ng	92
24) Nitrobenzene	9.49	77	764899	40.80	ng	96
25) Isophorone	10.01	82	1245227	39.73	ng	97
26) 2-Nitrophenol	10.20	139	288580	41.47	ng	98
27) 2,4-Dimethylphenol	10.24	122	501752	41.19	ng	95
28) bis(2-Chloroethoxy)methane	10.49	93	647789	39.94	ng	95
29) 2,4-Dichlorophenol	10.73	162	538780	42.14	ng	98
30) 1,2,4-Trichlorobenzene	10.96	180	603182	39.77	ng	98
31) Naphthalene	11.15	128	1516277	39.62	ng	97
32) Benzoic acid	10.39	122	442165	43.59	ng	95
33) 4-Chloroaniline	11.25	127	684170	41.17	ng	# 93
34) Hexachlorobutadiene	11.42	225	485620	40.91	ng	99
35) Caprolactam	12.03	113	189399	40.46	ng	95
36) 4-Chloro-3-methylphenol	12.34	107	636733	41.25	ng	96
37) 2-Methylnaphthalene	12.73	142	1126551	40.34	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	781200	39.43	ng	98
40) Hexachlorocyclopentadiene	13.07	237	469337	42.06	ng	91

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42) 2,4,6-Trichlorophenol	13.33	196	501788	42.13	ng	94
43) 2,4,5-Trichlorophenol	13.40	196	529182	41.10	ng	97
45) 1,1'-Biphenyl	13.72	154	1581929	38.80	ng	99
46) 2-Chloronaphthalene	13.78	162	1232653	39.71	ng	98
47) 2-Nitroaniline	13.97	65	537279	42.27	ng	100
48) Acenaphthylene	14.62	152	1847972	38.82	ng	99
49) Dimethylphthalate	14.34	163	1625220	38.97	ng	100
50) 2,6-Dinitrotoluene	14.46	165	380440	42.73	ng	93
51) Acenaphthene	14.95	154	1302644	36.71	ng	97
52) 3-Nitroaniline	14.79	138	374479	40.64	ng	95
53) 2,4-Dinitrophenol	14.99	184	269579	41.78	ng	96
54) Dibenzofuran	15.28	168	1888149	38.48	ng	98
55) 4-Nitrophenol	15.07	139	325116	40.50	ng	94
56) 2,4-Dinitrotoluene	15.24	165	550878	42.58	ng	# 96
57) Fluorene	15.93	166	1564554	38.45	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.50	232	531871	39.84	ng	# 96
59) Diethylphthalate	15.68	149	1656694	37.89	ng	96
60) 4-Chlorophenyl-phenylether	15.91	204	891578	39.05	ng	98
61) 4-Nitroaniline	15.95	138	411098	40.84	ng	89
62) Azobenzene	16.21	77	1664434	38.17	ng	96
64) 4,6-Dinitro-2-methylphenol	16.00	198	392695	44.55	ng	88
65) n-Nitrosodiphenylamine	16.13	169	1419288	40.58	ng	99
66) 4-Bromophenyl-phenylether	16.81	248	640112	41.22	ng	93
67) Hexachlorobenzene	16.93	284	729675	42.52	ng	# 90
68) Atrazine	17.06	200	596294	39.75	ng	99
69) Pentachlorophenol	17.27	266	498253	44.00	ng	97
70) Phenanthrene	17.67	178	2507113	38.45	ng	97
71) Anthracene	17.76	178	2545046	38.69	ng	97
72) Carbazole	18.03	167	2308378	38.47	ng	99
73) Di-n-butylphthalate	18.56	149	2598365	37.56	ng	97
74) Fluoranthene	19.66	202	3085937	37.44	ng	97
76) Benzidine	19.84	184	1270181	32.32	ng	99
77) Pyrene	20.03	202	3111409	38.16	ng	# 92
79) Butylbenzylphthalate	20.89	149	1354832	39.85	ng	95
80) Benzo(a)anthracene	21.90	228	3449296	37.64	ng	96
81) 3,3'-Dichlorobenzidine	21.81	252	1459244	39.47	ng	99
82) Chrysene	21.98	228	3328861	38.14	ng	94
83) Bis(2-ethylhexyl)phthalate	21.77	149	1928822	39.66	ng	# 96
84) Di-n-octyl phthalate	23.05	149	3220644	39.91	ng	97
85) Indeno(1,2,3-cd)pyrene	29.31	276	4845761	40.22	ng	# 96
87) Benzo(b)fluoranthene	24.26	252	3804484	38.98	ng	97
88) Benzo(k)fluoranthene	24.34	252	3704565	39.31	ng	100
89) Benzo(a)pyrene	25.20	252	3796734	39.81	ng	98
90) Dibenzo(a,h)anthracene	29.38	278	4128562	39.44	ng	96
91) Benzo(g,h,i)perylene	30.56	276	4100374	39.21	ng	96

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

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