

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
 Data File : BG022616.D
 Acq On : 26 Jun 2016 19:24
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 27 02:02:10 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	182167	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	757143	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	540336	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1326278	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1451247	20.00	ng	0.00
86) Perylene-d12	25.22	264	1549373	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	873851	76.94	ng	0.00
7) Phenol-d6	7.31	99	1253265	78.29	ng	0.00
23) Nitrobenzene-d5	9.34	82	1369331	76.55	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	711388	83.71	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2509127	73.64	ng	0.00
78) Terphenyl-d14	20.16	244	3389855	61.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	181754	39.48	ng	# 94
3) Pyridine	3.99	79	576569	44.78	ng	95
4) n-Nitrosodimethylamine	3.90	42	269491	36.59	ng	94
6) Aniline	7.49	93	875562	41.25	ng	97
8) 2-Chlorophenol	7.73	128	459555	39.06	ng	98
9) Benzaldehyde	7.30	77	258370	45.86	ng	92
10) Phenol	7.34	94	671081	39.66	ng	94
11) bis(2-Chloroethyl)ether	7.57	93	522321	37.50	ng	97
12) 1,3-Dichlorobenzene	8.06	146	542272	37.88	ng	97
13) 1,4-Dichlorobenzene	8.20	146	546070	38.05	ng	95
14) 1,2-Dichlorobenzene	8.52	146	518682	38.00	ng	93
15) Benzyl Alcohol	8.40	79	628785	42.45	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.70	45	586551	38.08	ng	99
17) 2-Methylphenol	8.60	107	438099	39.28	ng	98
18) Hexachloroethane	9.25	117	228773	38.51	ng	96
19) n-Nitroso-di-n-propylamine	8.97	70	513446	38.51	ng	91
20) 3+4-Methylphenols	8.93	107	609602	39.68	ng	96
22) Acetophenone	8.99	105	850067	38.84	ng	94
24) Nitrobenzene	9.38	77	751150	37.99	ng	91
25) Isophorone	9.90	82	1323614	38.12	ng	# 94
26) 2-Nitrophenol	10.09	139	297966	41.84	ng	88
27) 2,4-Dimethylphenol	10.14	122	485956	35.71	ng	86
28) bis(2-Chloroethoxy)methane	10.38	93	721838	38.07	ng	98
29) 2,4-Dichlorophenol	10.63	162	541149	40.82	ng	99
30) 1,2,4-Trichlorobenzene	10.85	180	597167	37.94	ng	96
31) Naphthalene	11.04	128	1431167	37.60	ng	100
32) Benzoic acid	10.28	122	383152	43.60	ng	93
33) 4-Chloroaniline	11.14	127	682488	41.63	ng	99
34) Hexachlorobutadiene	11.32	225	461793	37.74	ng	95
35) Caprolactam	11.93	113	184382	44.15	ng	93
36) 4-Chloro-3-methylphenol	12.25	107	664172	40.81	ng	96
37) 2-Methylnaphthalene	12.63	142	1128674	38.24	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	749864	36.76	ng	98
40) Hexachlorocyclopentadiene	12.97	237	576559	35.40	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	521459	39.86	ng	99
43) 2,4,5-Trichlorophenol	13.30	196	549924	40.18	ng	96
45) 1,1'-Biphenyl	13.63	154	1520371	36.94	ng	97
46) 2-Chloronaphthalene	13.68	162	1260563	37.22	ng	97
47) 2-Nitroaniline	13.88	65	518197	39.64	ng	96
48) Acenaphthylene	14.52	152	1844783	37.55	ng	96
49) Dimethylphthalate	14.25	163	1643527	36.67	ng	# 96
50) 2,6-Dinitrotoluene	14.37	165	389618	40.00	ng	98
51) Acenaphthene	14.87	154	1412620	39.03	ng	99
52) 3-Nitroaniline	14.70	138	381075	41.81	ng	89
53) 2,4-Dinitrophenol	14.90	184	256767	42.80	ng	92
54) Dibenzofuran	15.19	168	1916645	36.57	ng	95
55) 4-Nitrophenol	14.99	139	319613	41.47	ng	96
56) 2,4-Dinitrotoluene	15.15	165	562885	41.72	ng	92
57) Fluorene	15.85	166	1566051	37.44	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.42	232	588939m	41.50	ng	
59) Diethylphthalate	15.61	149	1688027	36.63	ng	95
60) 4-Chlorophenyl-phenylether	15.84	204	953682	38.30	ng	96
61) 4-Nitroaniline	15.86	138	390924	41.57	ng	92
62) Azobenzene	16.13	77	1828879	36.65	ng	95
64) 4,6-Dinitro-2-methylphenol	15.92	198	366151	41.16	ng	96
65) n-Nitrosodiphenylamine	16.05	169	1484870	38.47	ng	94
66) 4-Bromophenyl-phenylether	16.73	248	665122	38.66	ng	99
67) Hexachlorobenzene	16.85	284	708802	38.96	ng	98
68) Atrazine	17.00	200	662946	40.68	ng	97
69) Pentachlorophenol	17.20	266	502106	40.10	ng	98
70) Phenanthrene	17.60	178	2489582	36.81	ng	93
71) Anthracene	17.69	178	2547330	36.59	ng	94
72) Carbazole	17.96	167	2245001	38.05	ng	97
73) Di-n-butylphthalate	18.51	149	2565096	37.33	ng	96
74) Fluoranthene	19.60	202	2879373	36.95	ng	91
76) Benzidine	19.78	184	1078732	69.82	ng	99
77) Pyrene	19.97	202	2918504	37.76	ng	# 92
79) Butylbenzylphthalate	20.84	149	1323752	39.56	ng	96
80) Benzo(a)anthracene	21.83	228	3100830	38.61	ng	95
81) 3,3'-Dichlorobenzidine	21.74	252	1285983	38.77	ng	96
82) Chrysene	21.90	228	2887065	38.26	ng	90
83) Bis(2-ethylhexyl)phthalate	21.72	149	1742250	36.98	ng	94
84) Di-n-octyl phthalate	22.99	149	2886460	37.17	ng	100
85) Indeno(1,2,3-cd)pyrene	29.07	276	3959468	39.93	ng	# 100
87) Benzo(b)fluoranthene	24.14	252	3468991	37.24	ng	94
88) Benzo(k)fluoranthene	24.21	252	3220461	36.57	ng	# 93
89) Benzo(a)pyrene	25.05	252	3356433	36.96	ng	# 97
90) Dibenzo(a,h)anthracene	29.14	278	3281596	38.38	ng	# 91
91) Benzo(g,h,i)perylene	30.28	276	3252629	37.37	ng	# 94

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

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