

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
 Data File : BG016866.D
 Acq On : 5 May 2015 15:36
 Operator : TP/IZ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

apatel
 5/6/2015 5:17:44 PM

Quant Time: May 05 16:20:46 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 15:51:54 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	69885	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	315451	20.00	ng	0.00
38) Acenaphthene-d10	14.45	164	205270	20.00	ng	0.00
63) Phenanthrene-d10	17.19	188	445914	20.00	ng	0.00
75) Chrysene-d12	21.37	240	445599	20.00	ng	0.00
86) Perylene-d12	23.68	264	425942	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	655085	81.88	ng	0.00
7) Phenol-d6	6.97	99	941706	82.48	ng	0.00
23) Nitrobenzene-d5	8.97	82	1080141	84.28	ng	0.00
41) 2,4,6-Tribromophenol	15.94	330	359232	88.48	ng	0.00
44) 2-Fluorobiphenyl	13.07	172	2076842	75.76	ng	0.00
78) Terphenyl-d14	19.82	244	2698823	69.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	134202	79.74	ng	# 1
3) Pyridine	3.69	79	426153	82.36	ng	98
4) n-Nitrosodimethylamine	3.61	42	264000	86.14	ng	97
6) Aniline	7.14	93	662206	82.63	ng	99
8) 2-Chlorophenol	7.37	128	387082	83.82	ng	97
9) Benzaldehyde	6.95	77	236647	56.76	ng	95
10) Phenol	7.00	94	513655	84.16	ng	99
11) bis(2-Chloroethyl)ether	7.24	93	397987	84.36	ng	97
12) 1,3-Dichlorobenzene	7.70	146	416682	81.49	ng	97
13) 1,4-Dichlorobenzene	7.84	146	424200	81.97	ng	98
14) 1,2-Dichlorobenzene	8.16	146	405962	81.70	ng	94
15) Benzyl Alcohol	8.05	79	443328	85.48	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.35	45	706062	80.26	ng	99
17) 2-Methylphenol	8.25	107	356437	82.72	ng	96
18) Hexachloroethane	8.88	117	173863	81.69	ng	96
19) n-Nitroso-di-n-propylamine	8.62	70	411230	82.10	ng	97
20) 3+4-Methylphenols	8.58	107	500676	84.60	ng	96
22) Acetophenone	8.63	105	632206	84.87	ng	# 96
24) Nitrobenzene	9.01	77	554246	85.89	ng	98
25) Isophorone	9.54	82	1065315	82.00	ng	99
26) 2-Nitrophenol	9.72	139	231420	88.48	ng	97
27) 2,4-Dimethylphenol	9.78	122	406525	85.42	ng	99
28) bis(2-Chloroethoxy)methane	10.02	93	543698	83.06	ng	98
29) 2,4-Dichlorophenol	10.25	162	386232	85.99	ng	99
30) 1,2,4-Trichlorobenzene	10.46	180	401502	84.01	ng	94
31) Naphthalene	10.65	128	1269558	81.07	ng	98
32) Benzoic acid	9.95	122	284997	106.53	ng	90
33) 4-Chloroaniline	10.76	127	615122	85.76	ng	98
34) Hexachlorobutadiene	10.94	225	244417	81.32	ng	96
35) Caprolactam	11.57	113	196698m	84.12	ng	
36) 4-Chloro-3-methylphenol	11.89	107	488859	84.83	ng	99
37) 2-Methylnaphthalene	12.27	142	979793	82.33	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.63	216	457343	82.84	ng	# 100
40) Hexachlorocyclopentadiene	12.62	237	308954	87.34	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.87	196	333497	85.67	nq	93
43) 2,4,5-Trichlorophenol	12.94	196	352897	85.36	nq	100
45) 1,1'-Biphenyl	13.28	154	1186193	80.83	nq	99
46) 2-Chloronaphthalene	13.32	162	950258	81.91	nq	97
47) 2-Nitroaniline	13.53	65	366028	92.32	nq	99
48) Acenaphthylene	14.17	152	1603283	78.94	nq	96
49) Dimethylphthalate	13.92	163	1235060	80.67	nq	99
50) 2,6-Dinitrotoluene	14.03	165	285844	91.70	nq	97
51) Acenaphthene	14.51	154	973859	80.84	nq	98
52) 3-Nitroaniline	14.36	138	324410	91.43	nq	93
53) 2,4-Dinitrophenol	14.56	184	140417	100.61	nq	96
54) Dibenzofuran	14.85	168	1379210	80.59	nq	94
55) 4-Nitrophenol	14.66	139	273218	91.04	nq	97
56) 2,4-Dinitrotoluene	14.81	165	390185	99.11	nq	97
57) Fluorene	15.50	166	1235139	81.68	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.07	232	310346	87.29	nq	# 77
59) Diethylphthalate	15.28	149	1314764	81.47	nq	98
60) 4-Chlorophenyl-phenylether	15.49	204	635285	83.95	nq	96
61) 4-Nitroaniline	15.53	138	363532	87.81	nq	98
62) Azobenzene	15.79	77	1350050	80.66	nq	97
64) 4,6-Dinitro-2-methylphenol	15.57	198	217114	102.88	nq	97
65) n-Nitrosodiphenylamine	15.71	169	1103584	81.26	nq	97
66) 4-Bromophenyl-phenylether	16.39	248	378222	85.31	nq	96
67) Hexachlorobenzene	16.50	284	398052	85.10	nq	98
68) Atrazine	16.66	200	381551	77.55	nq	98
69) Pentachlorophenol	16.84	266	272741	91.06	nq	93
70) Phenanthrene	17.24	178	1783233	77.34	nq	95
71) Anthracene	17.33	178	1797530	77.27	nq	95
72) Carbazole	17.60	167	1695255	76.55	nq	97
73) Di-n-butylphthalate	18.17	149	2103066	72.75	nq	# 95
74) Fluoranthene	19.25	202	1985807	73.76	nq	92
76) Benzidine	19.43	184	992944	63.67	nq	97
77) Pyrene	19.61	202	2011068	75.91	nq	94
79) Butylbenzylphthalate	20.52	149	1026110	82.45	nq	96
80) Benzo(a)anthracene	21.36	228	1867368	77.81	nq	94
81) 3,3'-Dichlorobenzidine	21.29	252	749581	80.36	nq	# 97
82) Chrysene	21.41	228	1755520	78.15	nq	93
83) Bis(2-ethylhexyl)phthalate	21.30	149	1369140	80.09	nq	# 92
84) Di-n-octyl phthalate	22.20	149	2199732	76.04	nq	# 100
85) Indeno(1,2,3-cd)pyrene	26.06	276	2238282	84.57	nq	# 100
87) Benzo(b)fluoranthene	22.98	252	1939144	82.02	nq	95
88) Benzo(k)fluoranthene	23.03	252	1815874	79.47	nq	96
89) Benzo(a)pyrene	23.58	252	1803122	81.74	nq	96
90) Dibenzo(a,h)anthracene	26.08	278	1868114	83.11	nq	98
91) Benzo(g,h,i)perylene	26.79	276	1778797	83.11	nq	99

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

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