

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
 Data File : BG020047.D
 Acq On : 9 Dec 2015 17:20
 Operator : UM/SJ
 Sample : G4556-10MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ELP-1MSD

Quant Time: Dec 10 00:50:01 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	20096	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	85014	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	58513	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	142010	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	176265	20.00	ng	-0.04
86) Perylene-d12	25.03	264	162627	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	135395	121.77	ng	0.00
7) Phenol-d6	7.26	99	193563	115.30	ng	-0.01
23) Nitrobenzene-d5	9.28	82	141626	85.02	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	113138	126.37	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	351040	81.92	ng	-0.02
78) Terphenyl-d14	20.08	244	489355	67.72	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	12293	28.38	ng	# 100
3) Pyridine	3.94	79	49721	37.79	ng	# 87
4) n-Nitrosodimethylamine	3.84	42	23134	33.44	ng	# 87
6) Aniline	7.43	93	31535	14.51	ng	# 83
8) 2-Chlorophenol	7.67	128	55442	40.89	ng	# 95
9) Benzaldehyde	7.25	77	24419	21.81	ng	# 89
10) Phenol	7.29	94	70772	40.06	ng	# 81
11) bis(2-Chloroethyl)ether	7.53	93	51348	39.24	ng	# 91
12) 1,3-Dichlorobenzene	8.00	146	54639	35.55	ng	# 95
13) 1,4-Dichlorobenzene	8.14	146	57583	36.28	ng	# 91
14) 1,2-Dichlorobenzene	8.47	146	55816	36.87	ng	# 96
15) Benzyl Alcohol	8.35	79	61331	41.63	ng	# 92
16) 2,2'-oxybis(1-Chloropropan	8.64	45	78070	36.58	ng	# 94
17) 2-Methylphenol	8.55	107	51806	41.53	ng	# 92
18) Hexachloroethane	9.20	117	20603	34.67	ng	# 87
19) n-Nitroso-di-n-propylamine	8.91	70	49251	37.20	ng	# 90
20) 3+4-Methylphenols	8.88	107	72228	41.12	ng	# 95
22) Acetophenone	8.94	105	89933	38.59	ng	# 93
24) Nitrobenzene	9.32	77	74916	41.46	ng	# 92
25) Isophorone	9.84	82	137597	38.53	ng	# 96
26) 2-Nitrophenol	10.04	139	30902	44.28	ng	# 74
27) 2,4-Dimethylphenol	10.09	122	61333	42.20	ng	# 92
28) bis(2-Chloroethoxy)methane	10.32	93	75808	43.44	ng	# 97
29) 2,4-Dichlorophenol	10.57	162	66790	44.99	ng	# 95
30) 1,2,4-Trichlorobenzene	10.79	180	65952	39.31	ng	# 94
31) Naphthalene	10.98	128	189031	41.51	ng	# 98
32) Benzoic acid	10.22	122	41858	43.40	ng	# 94
33) 4-Chloroaniline	11.08	127	9868	4.92	ng	# 92
34) Hexachlorobutadiene	11.26	225	45893	37.08	ng	# 99
35) Caprolactam	11.86	113	19882	35.98	ng	# 81
36) 4-Chloro-3-methylphenol	12.20	107	75890	41.05	ng	# 93
37) 2-Methylnaphthalene	12.57	142	144051	43.16	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	92063	41.46	ng	# 99
40) Hexachlorocyclopentadiene	12.92	237	86735	68.51	ng	# 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	62165	42.29	nq	95
43) 2,4,5-Trichlorophenol	13.25	196	70188	45.17	nq	98
45) 1,1'-Biphenyl	13.58	154	191209	39.82	nq	99
46) 2-Chloronaphthalene	13.62	162	153378	41.44	nq	95
47) 2-Nitroaniline	13.82	65	55355	47.35	nq	92
48) Acenaphthylene	14.47	152	258429	40.99	nq	99
49) Dimethylphthalate	14.19	163	219101	41.63	nq	98
50) 2,6-Dinitrotoluene	14.31	165	46940	47.43	nq #	87
51) Acenaphthene	14.81	154	155594	40.67	nq	97
52) 3-Nitroaniline	14.64	138	17898	17.41	nq #	93
53) 2,4-Dinitrophenol	14.84	184	44910	84.67	nq	89
54) Dibenzofuran	15.14	168	260059	45.70	nq	93
55) 4-Nitrophenol	14.94	139	70668	78.92	nq #	65
56) 2,4-Dinitrotoluene	15.10	165	67297	48.74	nq #	93
57) Fluorene	15.78	166	208995	41.03	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	66414	46.19	nq	96
59) Diethylphthalate	15.55	149	218482	38.35	nq	97
60) 4-Chlorophenyl-phenylether	15.77	204	115806	39.59	nq	95
61) 4-Nitroaniline	15.80	138	43631	37.73	nq #	76
62) Azobenzene	16.06	77	192093	40.53	nq	94
64) 4,6-Dinitro-2-methylphenol	15.85	198	34781	44.16	nq	91
65) n-Nitrosodiphenylamine	15.99	169	183909	44.75	nq	96
66) 4-Bromophenyl-phenylether	16.67	248	77097	43.69	nq	98
67) Hexachlorobenzene	16.79	284	83483	45.42	nq	97
68) Atrazine	16.93	200	62014	34.73	nq	95
69) Pentachlorophenol	17.13	266	103800	96.75	nq	94
70) Phenanthrene	17.52	178	360279	44.84	nq	97
71) Anthracene	17.62	178	358806	43.84	nq	96
72) Carbazole	17.88	167	313433	43.47	nq	98
73) Di-n-butylphthalate	18.43	149	372598	42.16	nq	98
74) Fluoranthene	19.53	202	443234	43.13	nq	95
76) Benzidine	19.71	184	58171	10.05	nq	96
77) Pyrene	19.89	202	457639	44.13	nq	95
79) Butylbenzylphthalate	20.76	149	177772	43.74	nq	96
80) Benzo(a)anthracene	21.73	228	466594	43.24	nq	99
81) 3,3'-Dichlorobenzidine	21.65	252	72265	17.59	nq #	96
82) Chrysene	21.80	228	423850	41.37	nq	96
83) Bis(2-ethylhexyl)phthalate	21.63	149	261446	43.83	nq #	98
84) Di-n-octyl phthalate	22.86	149	432949	44.64	nq #	95
85) Indeno(1,2,3-cd)pyrene	28.77	276	519583	46.04	nq #	100
87) Benzo(b)fluoranthene	23.99	252	459921	44.62	nq #	94
88) Benzo(k)fluoranthene	24.06	252	433051	42.42	nq #	95
89) Benzo(a)pyrene	24.88	252	434417	44.39	nq #	95
90) Dibenzo(a,h)anthracene	28.84	278	428558	44.33	nq #	93
91) Benzo(g,h,i)perylene	29.95	276	418601	44.10	nq #	93

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

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