

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
 Data File : BG016759.D
 Acq On : 28 Apr 2015 8:38
 Operator : TP/IZ
 Sample : G1991-16MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-64DMSD

Quant Time: Apr 28 13:40:26 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 19:19:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	61221	20.00	ng	-0.03
21) Naphthalene-d8	10.36	136	264086	20.00	ng	-0.03
38) Acenaphthene-d10	14.23	164	148287	20.00	ng	-0.02
63) Phenanthrene-d10	16.97	188	282215	20.00	ng	-0.02
75) Chrysene-d12	21.16	240	250728	20.00	ng	-0.02
86) Perylene-d12	23.35	264	241996	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.17	112	586642	155.50	ng	-0.02
7) Phenol-d6	6.78	99	788687	149.01	ng	-0.02
23) Nitrobenzene-d5	8.73	82	402216	96.24	ng	-0.03
41) 2,4,6-Tribromophenol	15.73	330	178335	162.11	ng	-0.02
44) 2-Fluorobiphenyl	12.85	172	916486	99.30	ng	-0.02
78) Terphenyl-d14	19.60	244	956059	87.84	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.02	88	63480	38.84	ng	97
3) Pyridine	3.42	79	174399	37.59	ng	100
4) n-Nitrosodimethylamine	3.35	42	60000	43.83	ng	89
6) Aniline	6.91	93	170985	23.56	ng	96
8) 2-Chlorophenol	7.15	128	237211	50.87	ng	98
9) Benzaldehyde	6.72	77	16250	7.51	ng	98
10) Phenol	6.81	94	304029	54.50	ng	99
11) bis(2-Chloroethyl)ether	7.01	93	202524	46.51	ng	100
12) 1,3-Dichlorobenzene	7.46	146	232163	48.14	ng	99
13) 1,4-Dichlorobenzene	7.61	146	235990	47.87	ng	98
14) 1,2-Dichlorobenzene	7.92	146	226103	48.05	ng	100
15) Benzyl Alcohol	7.82	79	160239	48.24	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.11	45	185108	45.41	ng	99
17) 2-Methylphenol	8.04	107	191061	51.22	ng	96
18) Hexachloroethane	8.64	117	83678	48.15	ng	96
19) n-Nitroso-di-n-propylamine	8.38	70	142700	43.25	ng	99
20) 3+4-Methylphenols	8.37	107	258649	49.32	ng	98
22) Acetophenone	8.40	105	292529	50.47	ng	# 100
24) Nitrobenzene	8.77	77	206529	47.05	ng	100
25) Isophorone	9.30	82	398952	46.06	ng	97
26) 2-Nitrophenol	9.48	139	134955	52.99	ng	98
27) 2,4-Dimethylphenol	9.56	122	224091	52.69	ng	97
28) bis(2-Chloroethoxy)methane	9.78	93	249392	47.72	ng	97
29) 2,4-Dichlorophenol	10.03	162	205937	56.97	ng	97
30) 1,2,4-Trichlorobenzene	10.23	180	201183	52.51	ng	99
31) Naphthalene	10.41	128	683407	49.08	ng	99
32) Benzoic acid	9.68	122	7619	11.55	ng	96
33) 4-Chloroaniline	10.53	127	124884	19.47	ng	96
34) Hexachlorobutadiene	10.69	225	88118	51.49	ng	98
35) Caprolactam	11.31	113	94008m	48.24	ng	
36) 4-Chloro-3-methylphenol	11.68	107	213176	50.72	ng	99
37) 2-Methylnaphthalene	12.03	142	497668	49.49	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.41	216	188645	53.40	ng	99
40) Hexachlorocyclopentadiene	12.38	237	61019	47.79	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.66	196	142667	55.27	nq	97
43) 2,4,5-Trichlorophenol	12.74	196	151948	55.63	nq	96
45) 1,1'-Biphenyl	13.06	154	596356	51.21	nq	98
46) 2-Chloronaphthalene	13.10	162	457784	51.14	nq	98
47) 2-Nitroaniline	13.32	65	117196	47.99	nq	94
48) Acenaphthylene	13.95	152	764171	48.74	nq	99
49) Dimethylphthalate	13.70	163	554326	49.97	nq	98
50) 2,6-Dinitrotoluene	13.82	165	133610	49.08	nq	99
51) Acenaphthene	14.29	154	462215	49.12	nq	100
52) 3-Nitroaniline	14.15	138	110665	33.64	nq	93
53) 2,4-Dinitrophenol	14.37	184	30901	26.50	nq	95
54) Dibenzofuran	14.63	168	663926	50.02	nq	99
55) 4-Nitrophenol	14.50	139	217397	88.18	nq	97
56) 2,4-Dinitrotoluene	14.61	165	181893	48.79	nq	97
57) Fluorene	15.28	166	567299	48.89	nq	99
58) 2,3,4,6-Tetrachlorophenol	14.87	232	114770	55.53	nq	94
59) Diethylphthalate	15.06	149	539852	46.70	nq	99
60) 4-Chlorophenyl-phenylether	15.27	204	242882	50.12	nq	98
61) 4-Nitroaniline	15.32	138	134239	36.89	nq	97
62) Azobenzene	15.57	77	509243	48.23	nq	98
64) 4,6-Dinitro-2-methylphenol	15.38	198	50265	26.32	nq	95
65) n-Nitrosodiphenylamine	15.50	169	493027	50.96	nq	99
66) 4-Bromophenyl-phenylether	16.17	248	129529	54.93	nq	95
67) Hexachlorobenzene	16.28	284	133956	55.23	nq	96
68) Atrazine	16.45	200	153883	59.24	nq	99
69) Pentachlorophenol	16.64	266	132724	112.70	nq	100
70) Phenanthrene	17.01	178	814817	50.26	nq	98
71) Anthracene	17.11	178	812462	50.38	nq	99
72) Carbazole	17.38	167	809833	50.13	nq	100
73) Di-n-butylphthalate	17.94	149	941157	48.87	nq	99
74) Fluoranthene	19.03	202	867819	50.52	nq	97
76) Benzidine	19.23	184	432653	50.66	nq	98
77) Pyrene	19.40	202	895844	50.86	nq	99
79) Butylbenzylphthalate	20.30	149	448429	51.75	nq	98
80) Benzo(a)anthracene	21.14	228	768000	50.52	nq	99
81) 3,3'-Dichlorobenzidine	21.08	252	184103	37.16	nq	96
82) Chrysene	21.20	228	718273	49.28	nq	100
83) Bis(2-ethylhexyl)phthalate	21.07	149	663275	56.27	nq	100
84) Di-n-octyl phthalate	21.94	149	1047107	53.33	nq	99
85) Indeno(1,2,3-cd)pyrene	25.59	276	755092	47.53	nq	96
87) Benzo(b)fluoranthene	22.69	252	730525	49.70	nq	98
88) Benzo(k)fluoranthene	22.74	252	692445	48.27	nq	97
89) Benzo(a)pyrene	23.26	252	693464	50.06	nq	99
90) Dibenzo(a,h)anthracene	25.59	278	599688	44.52	nq	99
91) Benzo(g,h,i)perylene	26.27	276	605787	44.20	nq	96

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

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