

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040617\
 Data File : BG026592.D
 Acq On : 7 Apr 2017 8:32
 Operator : SJ/MA
 Sample : I2574-06MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B45-S1(0-2)MSD

Quant Time: Apr 07 13:36:11 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	147412	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	620679	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	390687	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	979649	20.00	ng	0.00
75) Chrysene-d12	21.63	240	1057510	20.00	ng	0.00
86) Perylene-d12	24.81	264	1078844	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1298828	156.38	ng	0.00
7) Phenol-d6	7.21	99	1718738	154.14	ng	0.00
23) Nitrobenzene-d5	9.20	82	943630	91.41	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	802765	179.43	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	2400297	86.16	ng	0.00
78) Terphenyl-d14	19.98	244	3379788	77.62	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	138929	37.27	ng	# 69
3) Pyridine	3.90	79	187730	18.39	ng	# 63
4) n-Nitrosodimethylamine	3.81	42	122017	43.73	ng	# 1
6) Aniline	7.37	93	498948	33.50	ng	# 85
8) 2-Chlorophenol	7.61	128	510394	54.57	ng	# 79
9) Benzaldehyde	7.17	77	211702	28.12	ng	# 64
10) Phenol	7.23	94	721513	60.64	ng	# 70
11) bis(2-Chloroethyl)ether	7.46	93	459370	47.08	ng	# 81
12) 1,3-Dichlorobenzene	7.93	146	549191	49.33	ng	# 84
13) 1,4-Dichlorobenzene	8.08	146	563558	50.04	ng	# 92
14) 1,2-Dichlorobenzene	8.40	146	541467	50.24	ng	# 89
15) Benzyl Alcohol	8.28	79	317537	43.44	ng	# 72
16) 2,2'-oxybis(1-Chloropropan	8.57	45	441361	40.73	ng	75
17) 2-Methylphenol	8.48	107	444666	52.62	ng	# 81
18) Hexachloroethane	9.12	117	177508	48.20	ng	95
19) n-Nitroso-di-n-propylamine	8.84	70	336505	46.95	ng	# 69
20) 3+4-Methylphenols	8.81	107	609295	52.37	ng	86
22) Acetophenone	8.86	105	718056	50.31	ng	# 73
24) Nitrobenzene	9.24	77	493232	48.39	ng	# 69
25) Isophorone	9.76	82	967373	49.72	ng	# 89
26) 2-Nitrophenol	9.95	139	311108	58.66	ng	# 61
27) 2,4-Dimethylphenol	10.01	122	487802	56.04	ng	84
28) bis(2-Chloroethoxy)methane	10.24	93	631289	49.95	ng	# 95
29) 2,4-Dichlorophenol	10.49	162	540608	61.41	ng	91
30) 1,2,4-Trichlorobenzene	10.70	180	544631	55.07	ng	99
31) Naphthalene	10.89	128	1567987	49.96	ng	100
32) Benzoic acid	10.14	122	233637	34.88	ng	# 72
33) 4-Chloroaniline	11.00	127	127046	9.95	ng	# 82
34) Hexachlorobutadiene	11.18	225	312162	53.50	ng	96
35) Caprolactam	11.77	113	229188m	66.07	ng	
36) 4-Chloro-3-methylphenol	12.12	107	537779	57.11	ng	# 74
37) 2-Methylnaphthalene	12.49	142	1230601	53.53	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	596326	50.73	ng	98
40) Hexachlorocyclopentadiene	12.84	237	638510	103.19	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	439642	57.12	nq	97
43) 2,4,5-Trichlorophenol	13.17	196	471154	55.38	nq #	92
45) 1,1'-Biphenyl	13.48	154	1538497	47.55	nq	99
46) 2-Chloronaphthalene	13.53	162	1195476	50.59	nq	97
47) 2-Nitroaniline	13.73	65	325400	48.42	nq #	47
48) Acenaphthylene	14.37	152	1952219	47.39	nq	99
49) Dimethylphthalate	14.10	163	2058603	69.81	nq	99
50) 2,6-Dinitrotoluene	14.22	165	387096	56.24	nq #	59
51) Acenaphthene	14.71	154	1243206	49.01	nq	99
52) 3-Nitroaniline	14.55	138	275123	36.31	nq #	64
53) 2,4-Dinitrophenol	14.76	184	478791	119.92	nq #	74
54) Dibenzofuran	15.05	168	1906456	53.38	nq	90
55) 4-Nitrophenol	14.86	139	675705	108.89	nq #	38
56) 2,4-Dinitrotoluene	15.01	165	551036	56.93	nq #	68
57) Fluorene	15.69	166	1586100	49.90	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.27	232	453245	61.09	nq #	96
59) Diethylphthalate	15.45	149	1580232	52.43	nq	99
60) 4-Chlorophenyl-phenylether	15.68	204	799993	53.11	nq	90
61) 4-Nitroaniline	15.71	138	441784	55.11	nq #	50
62) Azobenzene	15.97	77	1249709	51.00	nq	78
64) 4,6-Dinitro-2-methylphenol	15.77	198	361538	58.54	nq	83
65) n-Nitrosodiphenylamine	15.89	169	1412780	49.14	nq	98
66) 4-Bromophenyl-phenylether	16.57	248	541966	53.75	nq	93
67) Hexachlorobenzene	16.70	284	587143	54.59	nq #	89
68) Atrazine	16.83	200	541070	49.71	nq	97
69) Pentachlorophenol	17.04	266	748778	107.07	nq	96
70) Phenanthrene	17.43	178	2490219	47.34	nq	99
71) Anthracene	17.51	178	2585884	48.18	nq	97
72) Carbazole	17.78	167	2490888	45.07	nq	97
73) Di-n-butylphthalate	18.33	149	2696375	47.49	nq #	95
74) Fluoranthene	19.42	202	2860948	46.25	nq	96
76) Benzidine	19.61	184	186533	5.12	nq	98
77) Pyrene	19.79	202	2890690	47.21	nq	96
79) Butylbenzylphthalate	20.66	149	1263612	51.58	nq #	84
80) Benzo(a)anthracene	21.61	228	2811291	47.24	nq	99
81) 3,3'-Dichlorobenzidine	21.52	252	835035	34.28	nq #	98
82) Chrysene	21.67	228	2563642	45.09	nq	98
83) Bis(2-ethylhexyl)phthalate	21.51	149	1838468	49.68	nq	95
84) Di-n-octyl phthalate	22.70	149	3056940	48.41	nq #	81
85) Indeno(1,2,3-cd)pyrene	28.44	276	3606200	51.37	nq #	88
87) Benzo(b)fluoranthene	23.81	252	3045611	47.89	nq #	96
88) Benzo(k)fluoranthene	23.87	252	2912799	47.23	nq #	96
89) Benzo(a)pyrene	24.67	252	2940068	48.20	nq #	96
90) Dibenzo(a,h)anthracene	28.50	278	3011131	48.84	nq #	92
91) Benzo(g,h,i)perylene	29.58	276	3007564	48.42	nq #	88

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

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