

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071417\
 Data File : BG027919.D
 Acq On : 14 Jul 2017 10:59
 Operator : SJ/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Quant Time: Jul 14 15:16:18 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 14:34:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	46659	20.00	ng	0.00
21) Naphthalene-d8	11.19	136	203056	20.00	ng	0.00
38) Acenaphthene-d10	14.98	164	142885	20.00	ng	0.00
63) Phenanthrene-d10	17.73	188	379458	20.00	ng	0.00
75) Chrysene-d12	22.06	240	451368	20.00	ng	0.00
86) Perylene-d12	25.58	264	420109	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.94	112	12684	4.19	ng	0.00
7) Phenol-d6	7.52	99	17335	3.74	ng	0.00
23) Nitrobenzene-d5	9.54	82	16756	4.60	ng	0.00
41) 2,4,6-Tribromophenol	16.47	330	8878	4.53	ng	0.00
44) 2-Fluorobiphenyl	13.60	172	53094	5.31	ng	0.00
78) Terphenyl-d14	20.31	244	104834	5.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.90	88	2570	2.278	ng	89
3) Pyridine	4.30	79	5009	1.442	ng	# 93
4) n-Nitrosodimethylamine	4.21	42	3284	1.928	ng	# 88
6) Aniline	7.70	93	9472	1.765	ng	# 81
8) 2-Chlorophenol	7.94	128	7020	2.073	ng	# 77
9) Benzaldehyde	7.52	77	5214	1.893	ng	# 77
10) Phenol	7.54	94	9398	2.052	ng	88
11) bis(2-Chloroethyl)ether	7.77	93	7311	2.102	ng	# 76
12) 1,3-Dichlorobenzene	8.27	146	8691	2.413	ng	# 93
13) 1,4-Dichlorobenzene	8.41	146	9150	2.452	ng	90
14) 1,2-Dichlorobenzene	8.73	146	8681	2.399	ng	# 88
15) Benzyl Alcohol	8.61	79	4453	1.391	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.88	45	15387	2.074	ng	99
17) 2-Methylphenol	8.80	107	6038	1.864	ng	# 85
18) Hexachloroethane	9.46	117	2870	2.186	ng	90
19) n-Nitroso-di-n-propylamine	9.16	70	5776	1.715	ng	# 94
20) 3+4-Methylphenols	9.13	107	8293	1.775	ng	88
22) Acetophenone	9.20	105	11354	2.317	ng	# 89
24) Nitrobenzene	9.58	77	9128	2.397	ng	91
25) Isophorone	10.10	82	14916	1.878	ng	# 92
26) 2-Nitrophenol	10.30	139	3627	2.108	ng	# 70
27) 2,4-Dimethylphenol	10.34	122	6997	2.172	ng	93
28) bis(2-Chloroethoxy)methane	10.58	93	9718	2.159	ng	# 97
29) 2,4-Dichlorophenol	10.84	162	8096	2.867	ng	84
30) 1,2,4-Trichlorobenzene	11.05	180	9371	3.254	ng	86
31) Naphthalene	11.25	128	25314	2.344	ng	# 94
33) 4-Chloroaniline	11.36	127	9258	1.985	ng	# 91
34) Hexachlorobutadiene	11.52	225	6232	3.884	ng	97
35) Caprolactam	12.11	113	1869m	1.316	ng	
36) 4-Chloro-3-methylphenol	12.45	107	8301	2.089	ng	# 85
37) 2-Methylnaphthalene	12.83	142	18624m	2.316	ng	
39) 1,2,4,5-Tetrachlorobenzene	13.19	216	13277	3.536	ng	# 94
42) 2,4,6-Trichlorophenol	13.42	196	6854	2.527	ng	97
43) 2,4,5-Trichlorophenol	13.51	196	7601	2.474	ng	# 85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	13.81	154	28836	2.518	ng	92
46) 2-Chloronaphthalene	13.86	162	22118	2.557	ng	99
47) 2-Nitroaniline	14.07	65	5625	1.624	ng #	80
48) Acenaphthylene	14.71	152	34415	2.177	ng	93
49) Dimethylphthalate	14.42	163	28344	2.325	ng #	94
50) 2,6-Dinitrotoluene	14.55	165	5641	2.129	ng #	71
51) Acenaphthene	15.04	154	20921	2.065	ng	96
52) 3-Nitroaniline	14.88	138	4931	1.582	ng #	74
54) Dibenzofuran	15.38	168	34609	2.583	ng #	88
56) 2,4-Dinitrotoluene	15.33	165	7473	2.022	ng #	73
57) Fluorene	16.02	166	29305	2.256	ng	95
58) 2,3,4,6-Tetrachlorophenol	15.61	232	6689	2.525	ng #	88
59) Diethylphthalate	15.77	149	28244	2.093	ng	98
60) 4-Chlorophenyl-phenylether	16.01	204	16183	2.814	ng	86
62) Azobenzene	16.30	77	21405	1.805	ng	88
65) n-Nitrosodiphenylamine	16.22	169	25399	2.058	ng	96
66) 4-Bromophenyl-phenylether	16.90	248	10966	2.763	ng	95
67) Hexachlorobenzene	17.03	284	12100	2.879	ng #	88
68) Atrazine	17.16	200	8781	2.253	ng	95
70) Phenanthrene	17.77	178	49068	2.240	ng	92
71) Anthracene	17.86	178	47807m	2.161	ng	
72) Carbazole	18.13	167	41034	1.884	ng #	94
73) Di-n-butylphthalate	18.66	149	43024	1.797	ng #	94
74) Fluoranthene	19.77	202	55932	2.336	ng	92
76) Benzidine	19.95	184	23549	2.332	ng #	94
77) Pyrene	20.13	202	60562	2.138	ng	97
79) Butylbenzylphthalate	20.99	149	18585	1.457	ng	88
80) Benzo(a)anthracene	22.04	228	60587	2.220	ng	96
81) 3,3'-Dichlorobenzidine	21.95	252	21498	2.171	ng #	96
82) Chrysene	22.11	228	62238m	2.433	ng	
83) Bis(2-ethylhexyl)phthalate	21.90	149	28426	1.525	ng	97
84) Di-n-octyl phthalate	23.21	149	45260	1.469	ng	95
85) Indeno(1,2,3-cd)pyrene	29.62	276	62554	2.140	ng #	86
87) Benzo(b)fluoranthene	24.45	252	56861	2.101	ng	95
88) Benzo(k)fluoranthene	24.52	252	58861m	2.200	ng	
89) Benzo(a)pyrene	25.41	252	53006	2.087	ng #	98
90) Dibenzo(a,h)anthracene	29.70	278	52881	2.055	ng	94
91) Benzo(g,h,i)perylene	30.87	276	52928	2.141	ng #	92

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

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