

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022616\
 Data File : BG021076.D
 Acq On : 26 Feb 2016 13:13
 Operator : UM/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC025

Manual Integrations
 APPROVED

Sohil
 2/29/2016 10:21:33 AM

Quant Time: Feb 26 15:05:48 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 26 14:25:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	5515	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	25355	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	16717	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	41392	20.00	ng	0.00
75) Chrysene-d12	21.79	240	51300	20.00	ng	0.00
86) Perylene-d12	25.08	264	48894	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	15521	49.34	ng	0.00
7) Phenol-d6	7.32	99	22833	47.13	ng	0.00
23) Nitrobenzene-d5	9.34	82	27361	63.36	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	11095	55.40	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	63346	52.75	ng	0.00
78) Terphenyl-d14	20.11	244	109509	27.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.62	88	3594	44.25	ng	92
3) Pyridine	4.03	79	10419m	36.22	ng	
4) n-Nitrosodimethylamine	3.94	42	5301	44.80	ng	# 76
6) Aniline	7.49	93	14349	25.12	ng	93
8) 2-Chlorophenol	7.73	128	9972	26.42	ng	94
9) Benzaldehyde	7.32	77	7236	30.88	ng	88
10) Phenol	7.35	94	12293	24.32	ng	83
11) bis(2-Chloroethyl)ether	7.59	93	8666	21.36	ng	99
12) 1,3-Dichlorobenzene	8.06	146	10735	25.12	ng	# 90
13) 1,4-Dichlorobenzene	8.21	146	10784	24.17	ng	97
14) 1,2-Dichlorobenzene	8.53	146	10454	25.23	ng	99
15) Benzyl Alcohol	8.41	79	10210	30.95	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	8.70	45	10404	15.23	ng	82
17) 2-Methylphenol	8.60	107	8278	24.07	ng	# 85
18) Hexachloroethane	9.27	117	4147	25.89	ng	# 85
19) n-Nitroso-di-n-propylamine	8.98	70	9251	27.14	ng	94
20) 3+4-Methylphenols	8.93	107	12012	25.20	ng	91
22) Acetophenone	9.00	105	17370	29.61	ng	# 93
24) Nitrobenzene	9.38	77	14509	30.97	ng	90
25) Isophorone	9.91	82	25239	28.34	ng	# 96
26) 2-Nitrophenol	10.09	139	5872	28.27	ng	# 64
27) 2,4-Dimethylphenol	10.14	122	10807	28.83	ng	94
28) bis(2-Chloroethoxy)methane	10.38	93	12630	26.25	ng	97
29) 2,4-Dichlorophenol	10.62	162	9963	29.04	ng	98
30) 1,2,4-Trichlorobenzene	10.84	180	11416	31.03	ng	99
31) Naphthalene	11.04	128	33123	24.98	ng	98
32) Benzoic acid	10.25	122	9149	32.27	ng	95
33) 4-Chloroaniline	11.14	127	14095	26.56	ng	# 89
34) Hexachlorobutadiene	11.32	225	8099	39.63	ng	97
35) Caprolactam	11.91	113	3263	24.28	ng	97
36) 4-Chloro-3-methylphenol	12.23	107	12701	29.23	ng	91
37) 2-Methylnaphthalene	12.63	142	22515	23.33	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	15111	32.69	ng	99
40) Hexachlorocyclopentadiene	12.96	237	10192	38.95	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	9739	29.64	ng	87
43) 2,4,5-Trichlorophenol	13.29	196	10176	30.18	ng #	95
45) 1,1'-Biphenyl	13.62	154	34642	23.89	ng	98
46) 2-Chloronaphthalene	13.66	162	26413	26.03	ng	99
47) 2-Nitroaniline	13.86	65	9100	29.72	ng	84
48) Acenaphthylene	14.51	152	41995	22.64	ng	100
49) Dimethylphthalate	14.23	163	35875	26.32	ng #	97
50) 2,6-Dinitrotoluene	14.35	165	7402	26.52	ng #	76
51) Acenaphthene	14.84	154	28355	26.58	ng	98
52) 3-Nitroaniline	14.68	138	7360	22.96	ng #	92
53) 2,4-Dinitrophenol	14.87	184	4624	30.73	ng #	76
54) Dibenzofuran	15.18	168	36155	23.87	ng #	90
55) 4-Nitrophenol	14.96	139	6448	23.33	ng #	67
56) 2,4-Dinitrotoluene	15.13	165	11175	27.87	ng #	88
57) Fluorene	15.82	166	34665	24.22	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.39	232	9047	32.09	ng #	94
59) Diethylphthalate	15.58	149	37706	25.23	ng	96
60) 4-Chlorophenyl-phenylether	15.81	204	19243	29.16	ng	100
61) 4-Nitroaniline	15.83	138	8207	24.45	ng #	60
62) Azobenzene	16.11	77	33155	25.60	ng	89
64) 4,6-Dinitro-2-methylphenol	15.88	198	7362	29.36	ng	90
65) n-Nitrosodiphenylamine	16.02	169	29846	23.95	ng	99
66) 4-Bromophenyl-phenylether	16.71	248	11894	27.31	ng	91
67) Hexachlorobenzene	16.82	284	12695	26.62	ng #	94
68) Atrazine	16.96	200	11703	29.96	ng	100
69) Pentachlorophenol	17.16	266	8519	30.96	ng	94
70) Phenanthrene	17.56	178	55569	23.73	ng	98
71) Anthracene	17.65	178	55890	23.96	ng	98
72) Carbazole	17.91	167	48512	23.08	ng	99
73) Di-n-butylphthalate	18.47	149	65221	25.46	ng #	97
74) Fluoranthene	19.56	202	70088	29.77	ng	94
76) Benzidine	19.73	184	38025	14.57	ng	98
77) Pyrene	19.91	202	72057	12.29	ng	98
79) Butylbenzylphthalate	20.80	149	29647	14.34	ng #	93
80) Benzo(a)anthracene	21.76	228	74147	24.10	ng	99
81) 3,3'-Dichlorobenzidine	21.68	252	29698	26.14	ng	96
82) Chrysene	21.84	228	70734	24.65	ng	98
83) Bis(2-ethylhexyl)phthalate	21.67	149	45527	20.18	ng #	92
84) Di-n-octyl phthalate	22.91	149	76508	23.83	ng	95
85) Indeno(1,2,3-cd)pyrene	28.83	276	84606	32.78	ng #	100
87) Benzo(b)fluoranthene	24.03	252	76325	23.68	ng #	97
88) Benzo(k)fluoranthene	24.10	252	76400	25.12	ng #	96
89) Benzo(a)pyrene	24.92	252	73606	25.48	ng #	94
90) Dibenzo(a,h)anthracene	28.90	278	72811	27.99	ng	98
91) Benzo(g,h,i)perylene	30.01	276	70267	27.07	ng	96

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

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