

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
 Data File : BG021072.D
 Acq On : 25 Feb 2016 4:30
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Sohil
 2/25/2016 2:40:51 PM

Quant Time: Feb 25 06:14:45 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 24 00:35:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	6431	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	30347	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	16030	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	28625	20.00	ng	0.00
75) Chrysene-d12	21.84	240	20761	20.00	ng	0.01
86) Perylene-d12	25.17	264	13634	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.78	112	28234	76.97	ng	0.00
7) Phenol-d6	7.41	99	43558	77.10	ng	0.00
23) Nitrobenzene-d5	9.39	82	44907	86.88	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	15558	81.02	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	98534	85.57	ng	0.00
78) Terphenyl-d14	20.14	244	80286	50.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	3965	41.87	ng	93
3) Pyridine	4.02	79	13350	39.80	ng	97
4) n-Nitrosodimethylamine	3.93	42	6366	46.14	ng	96
6) Aniline	7.55	93	27115	40.71	ng	99
8) 2-Chlorophenol	7.79	128	18582	42.22	ng	95
9) Benzaldehyde	7.35	77	11089	40.59	ng	99
10) Phenol	7.44	94	23391	39.69	ng	98
11) bis(2-Chloroethyl)ether	7.63	93	17564	37.13	ng	96
12) 1,3-Dichlorobenzene	8.10	146	20511	41.15	ng	96
13) 1,4-Dichlorobenzene	8.25	146	20947	40.26	ng	99
14) 1,2-Dichlorobenzene	8.57	146	19955	41.30	ng	98
15) Benzyl Alcohol	8.47	79	15634	40.64	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.73	45	31282	39.27	ng	98
17) 2-Methylphenol	8.68	107	15954	39.78	ng	# 96
18) Hexachloroethane	9.29	117	7261	38.87	ng	95
19) n-Nitroso-di-n-propylamine	9.02	70	15584	39.21	ng	98
20) 3+4-Methylphenols	9.02	107	22091	39.74	ng	92
22) Acetophenone	9.04	105	30563	43.53	ng	98
24) Nitrobenzene	9.43	77	24605	43.87	ng	97
25) Isophorone	9.95	82	42416	39.80	ng	99
26) 2-Nitrophenol	10.15	139	10310	41.47	ng	# 93
27) 2,4-Dimethylphenol	10.22	122	18269	40.73	ng	97
28) bis(2-Chloroethoxy)methane	10.43	93	23214	40.31	ng	97
29) 2,4-Dichlorophenol	10.69	162	16783	40.88	ng	92
30) 1,2,4-Trichlorobenzene	10.89	180	19019	43.19	ng	99
31) Naphthalene	11.09	128	64524	40.66	ng	98
32) Benzoic acid	10.39	122	15177	44.73	ng	94
33) 4-Chloroaniline	11.21	127	25598	40.31	ng	99
34) Hexachlorobutadiene	11.35	225	10877	44.46	ng	96
35) Caprolactam	12.00	113	6064	37.70	ng	95
36) 4-Chloro-3-methylphenol	12.34	107	20237	38.91	ng	95
37) 2-Methylnaphthalene	12.67	142	43770	37.90	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.02	216	20562	46.39	ng	99
40) Hexachlorocyclopentadiene	12.99	237	1975	7.87	ng	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.28	196	13866	44.01	nq	95
43) 2,4,5-Trichlorophenol	13.36	196	14069	43.52	nq	95
45) 1,1'-Biphenyl	13.66	154	59379	42.70	nq	97
46) 2-Chloronaphthalene	13.71	162	42232	43.41	nq	98
47) 2-Nitroaniline	13.93	65	14269	48.60	nq	90
48) Acenaphthylene	14.56	152	72820	40.94	nq	98
49) Dimethylphthalate	14.28	163	50307	38.49	nq	99
50) 2,6-Dinitrotoluene	14.41	165	10529	39.34	nq	94
51) Acenaphthene	14.89	154	40875	39.96	nq	96
52) 3-Nitroaniline	14.76	138	13456	43.77	nq	# 81
53) 2,4-Dinitrophenol	14.95	184	891	10.52	nq	86
54) Dibenzofuran	15.22	168	55662	38.33	nq	93
55) 4-Nitrophenol	15.09	139	10513	39.66	nq	98
56) 2,4-Dinitrotoluene	15.19	165	13855	36.04	nq	# 96
57) Fluorene	15.87	166	51061	37.21	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.46	232	10743	39.74	nq	95
59) Diethylphthalate	15.63	149	53087	37.05	nq	98
60) 4-Chlorophenyl-phenylether	15.85	204	23186	36.65	nq	97
61) 4-Nitroaniline	15.92	138	13688	42.52	nq	85
62) Azobenzene	16.14	77	49972	40.24	nq	97
64) 4,6-Dinitro-2-methylphenol	15.96	198	1509	8.70	nq	92
65) n-Nitrosodiphenylamine	16.07	169	40954	47.53	nq	99
66) 4-Bromophenyl-phenylether	16.74	248	13385	44.44	nq	91
67) Hexachlorobenzene	16.87	284	15144	45.93	nq	97
68) Atrazine	17.01	200	12489	46.23	nq	93
69) Pentachlorophenol	17.22	266	8555	44.96	nq	98
70) Phenanthrene	17.61	178	65317	40.34	nq	98
71) Anthracene	17.70	178	65791	40.78	nq	100
72) Carbazole	17.98	167	58745	40.41	nq	99
73) Di-n-butylphthalate	18.49	149	70657	39.89	nq	99
74) Fluoranthene	19.60	202	56902	34.94	nq	96
76) Benzidine	19.79	184	27869	26.39	nq	99
77) Pyrene	19.96	202	55804	23.53	nq	99
79) Butylbenzylphthalate	20.82	149	26215	31.34	nq	93
80) Benzo(a)anthracene	21.82	228	47494	38.15	nq	99
81) 3,3'-Dichlorobenzidine	21.74	252	20075	43.67	nq	98
82) Chrysene	21.89	228	48932	42.13	nq	98
83) Bis(2-ethylhexyl)phthalate	21.68	149	36880	40.39	nq	99
84) Di-n-octyl phthalate	22.91	149	61439	47.29	nq	100
85) Indeno(1,2,3-cd)pyrene	28.97	276	9949	9.52	nq	# 100
87) Benzo(b)fluoranthene	24.10	252	32672	36.35	nq	97
88) Benzo(k)fluoranthene	24.17	252	49669m	58.57	nq	
89) Benzo(a)pyrene	25.01	252	30724	38.15	nq	96
90) Dibenzo(a,h)anthracene	29.04	278	19111	26.35	nq	95
91) Benzo(g,h,i)perylene	30.17	276	15985	22.08	nq	94

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

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