

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091416\
 Data File : BG023983.D
 Acq On : 14 Sep 2016 15:35
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 14 18:47:33 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 09 16:24:09 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	64024	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	282499	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	210915	20.00	ng	0.00
63) Phenanthrene-d10	17.53	188	536544	20.00	ng	0.00
75) Chrysene-d12	21.84	240	565617	20.00	ng	0.00
86) Perylene-d12	25.21	264	538008	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	319101	87.50	ng	0.00
7) Phenol-d6	7.27	99	459942	81.94	ng	0.00
23) Nitrobenzene-d5	9.29	82	568100	89.78	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	287157	75.57	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1128165	76.69	ng	0.00
78) Terphenyl-d14	20.13	244	1851336	74.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	65641	43.65	ng	97
3) Pyridine	3.91	79	213981	47.34	ng	98
4) n-Nitrosodimethylamine	3.82	42	116665	48.97	ng	# 87
6) Aniline	7.43	93	294648	39.54	ng	97
8) 2-Chlorophenol	7.67	128	169625	40.15	ng	96
9) Benzaldehyde	7.24	77	157597	39.51	ng	91
10) Phenol	7.30	94	241587	40.91	ng	97
11) bis(2-Chloroethyl)ether	7.53	93	181016	38.96	ng	95
12) 1,3-Dichlorobenzene	8.00	146	193884	39.21	ng	99
13) 1,4-Dichlorobenzene	8.14	146	199419	38.07	ng	95
14) 1,2-Dichlorobenzene	8.47	146	192432	39.14	ng	95
15) Benzyl Alcohol	8.35	79	214654	43.37	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.64	45	238335	38.27	ng	96
17) 2-Methylphenol	8.56	107	153604	38.61	ng	97
18) Hexachloroethane	9.19	117	84017	41.65	ng	94
19) n-Nitroso-di-n-propylamine	8.92	70	194524	39.23	ng	# 95
20) 3+4-Methylphenols	8.90	107	221848	40.01	ng	96
22) Acetophenone	8.94	105	308435	42.17	ng	# 95
24) Nitrobenzene	9.33	77	304853	44.80	ng	96
25) Isophorone	9.85	82	501473	40.87	ng	99
26) 2-Nitrophenol	10.05	139	111826	43.23	ng	97
27) 2,4-Dimethylphenol	10.10	122	179791	40.90	ng	93
28) bis(2-Chloroethoxy)methane	10.33	93	252141	40.69	ng	99
29) 2,4-Dichlorophenol	10.60	162	195541	41.98	ng	96
30) 1,2,4-Trichlorobenzene	10.80	180	215765	42.24	ng	99
31) Naphthalene	10.99	128	575779	39.56	ng	99
32) Benzoic acid	10.30	122	155039	43.42	ng	92
33) 4-Chloroaniline	11.11	127	220828	36.33	ng	97
34) Hexachlorobutadiene	11.26	225	178044	46.40	ng	94
35) Caprolactam	11.91	113	65871	40.13	ng	# 75
36) 4-Chloro-3-methylphenol	12.24	107	260283	41.82	ng	96
37) 2-Methylnaphthalene	12.59	142	423518	38.25	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	295088	42.15	ng	99
40) Hexachlorocyclopentadiene	12.93	237	155153	40.61	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	191881	41.07	nq	100
43) 2,4,5-Trichlorophenol	13.29	196	198712	42.08	nq	94
45) 1,1'-Biphenyl	13.59	154	645135	38.03	nq	99
46) 2-Chloronaphthalene	13.65	162	482740	38.76	nq	97
47) 2-Nitroaniline	13.86	65	220015	44.85	nq	97
48) Acenaphthylene	14.49	152	779657	37.56	nq	98
49) Dimethylphthalate	14.22	163	672040	37.16	nq	99
50) 2,6-Dinitrotoluene	14.35	165	147489	38.63	nq	98
51) Acenaphthene	14.83	154	488792	38.08	nq	99
52) 3-Nitroaniline	14.69	138	119818	33.55	nq	85
53) 2,4-Dinitrophenol	14.91	184	92394	36.92	nq	92
54) Dibenzofuran	15.17	168	766143	38.25	nq	99
55) 4-Nitrophenol	15.03	139	100849	35.49	nq	91
56) 2,4-Dinitrotoluene	15.14	165	220659	39.32	nq	90
57) Fluorene	15.82	166	644834	37.12	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.40	232	193428	40.35	nq	97
59) Diethylphthalate	15.57	149	1393521	72.18	nq	99
60) 4-Chlorophenyl-phenylether	15.80	204	358339	38.32	nq	98
61) 4-Nitroaniline	15.86	138	108385	30.02	nq	93
62) Azobenzene	16.10	77	733315	39.22	nq	95
64) 4,6-Dinitro-2-methylphenol	15.91	198	145457	39.05	nq	93
65) n-Nitrosodiphenylamine	16.03	169	603595	39.61	nq	97
66) 4-Bromophenyl-phenylether	16.70	248	261541	40.07	nq	97
67) Hexachlorobenzene	16.83	284	283743	37.06	nq	98
68) Atrazine	16.98	200	251104	38.30	nq	96
69) Pentachlorophenol	17.18	266	161926	39.82	nq	98
70) Phenanthrene	17.57	178	1074871	38.51	nq	99
71) Anthracene	17.66	178	1073052	37.69	nq	98
72) Carbazole	17.94	167	948336	36.71	nq	97
73) Di-n-butylphthalate	18.48	149	1161526	37.68	nq	98
74) Fluoranthene	19.58	202	1268696	37.75	nq	97
77) Pyrene	19.94	202	1313281	37.75	nq	95
79) Butylbenzylphthalate	20.81	149	520215	38.79	nq	99
80) Benzo(a)anthracene	21.82	228	1253796	39.60	nq	95
81) 3,3'-Dichlorobenzidine	21.74	252	62794	4.96	nq	# 94
82) Chrysene	21.89	228	1180122	39.16	nq	99
83) Bis(2-ethylhexyl)phthalate	21.69	149	717978	39.10	nq	95
84) Di-n-octyl phthalate	22.95	149	1196354	39.73	nq	99
85) Indeno(1,2,3-cd)pyrene	29.08	276	1397385	41.88	nq	# 100
87) Benzo(b)fluoranthene	24.13	252	1261913	41.29	nq	96
88) Benzo(k)fluoranthene	24.20	252	1250453	41.26	nq	# 97
89) Benzo(a)pyrene	25.05	252	1204191	41.49	nq	97
90) Dibenzo(a,h)anthracene	29.14	278	1126575	39.47	nq	# 95
91) Benzo(g,h,i)perylene	30.28	276	519061	18.91	nq	# 97

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

