

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
 Data File : BG019891.D
 Acq On : 4 Dec 2015 4:25
 Operator : UM/NP
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 04 05:02:12 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	25987	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	119361	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	88093	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	218552	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	259165	20.00	ng	-0.02
86) Perylene-d12	25.06	264	245441	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	121334	84.39	ng	-0.01
7) Phenol-d6	7.26	99	184719	85.09	ng	-0.01
23) Nitrobenzene-d5	9.29	82	197817	84.58	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	103241	76.59	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	493899	76.55	ng	-0.01
78) Terphenyl-d14	20.09	244	829540	78.07	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	24010	42.86	ng	# 100
3) Pyridine	3.93	79	74713	43.92	ng	# 87
4) n-Nitrosodimethylamine	3.84	42	35735	39.94	ng	# 77
6) Aniline	7.44	93	118494	42.15	ng	# 84
8) 2-Chlorophenol	7.68	128	73100	41.69	ng	93
9) Benzaldehyde	7.25	77	57944	40.03	ng	91
10) Phenol	7.29	94	95904	41.97	ng	76
11) bis(2-Chloroethyl)ether	7.54	93	71408	42.20	ng	92
12) 1,3-Dichlorobenzene	8.01	146	81765	41.14	ng	# 92
13) 1,4-Dichlorobenzene	8.16	146	81910	39.91	ng	95
14) 1,2-Dichlorobenzene	8.48	146	81364	41.56	ng	94
15) Benzyl Alcohol	8.35	79	77349	40.60	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.65	45	114895	41.63	ng	93
17) 2-Methylphenol	8.55	107	69310	42.97	ng	# 89
18) Hexachloroethane	9.22	117	32225	41.93	ng	98
19) n-Nitroso-di-n-propylamine	8.93	70	69427	40.55	ng	90
20) 3+4-Methylphenols	8.88	107	95730	42.15	ng	95
22) Acetophenone	8.95	105	132803	40.59	ng	# 92
24) Nitrobenzene	9.33	77	107314	42.30	ng	89
25) Isophorone	9.86	82	202047	40.30	ng	# 97
26) 2-Nitrophenol	10.05	139	43880	44.78	ng	# 74
27) 2,4-Dimethylphenol	10.09	122	82158	40.27	ng	88
28) bis(2-Chloroethoxy)methane	10.34	93	102834	41.97	ng	100
29) 2,4-Dichlorophenol	10.58	162	86238	41.37	ng	98
30) 1,2,4-Trichlorobenzene	10.80	180	93134	39.53	ng	97
31) Naphthalene	10.99	128	262075	40.99	ng	99
32) Benzoic acid	10.22	122	65418	47.63	ng	85
33) 4-Chloroaniline	11.09	127	113460	40.27	ng	# 89
34) Hexachlorobutadiene	11.27	225	66932	38.52	ng	98
35) Caprolactam	11.87	113	31381	40.44	ng	# 64
36) 4-Chloro-3-methylphenol	12.20	107	105638	40.69	ng	93
37) 2-Methylnaphthalene	12.59	142	191045	40.77	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	132468	39.63	ng	99
40) Hexachlorocyclopentadiene	12.93	237	69459	36.44	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	86120	38.91	nq	96
43) 2,4,5-Trichlorophenol	13.25	196	91788	39.24	nq	96
45) 1,1'-Biphenyl	13.59	154	279875	38.71	nq	98
46) 2-Chloronaphthalene	13.63	162	217247	38.98	nq	96
47) 2-Nitroaniline	13.83	65	75091	42.66	nq	90
48) Acenaphthylene	14.48	152	367648	38.73	nq	99
49) Dimethylphthalate	14.21	163	297028	37.48	nq	98
50) 2,6-Dinitrotoluene	14.32	165	62298	41.81	nq	# 67
51) Acenaphthene	14.82	154	226304	39.29	nq	98
52) 3-Nitroaniline	14.65	138	65291	42.18	nq	92
53) 2,4-Dinitrophenol	14.85	184	27253	39.66	nq	# 81
54) Dibenzofuran	15.15	168	324122	37.83	nq	92
55) 4-Nitrophenol	14.93	139	52783	39.15	nq	# 63
56) 2,4-Dinitrotoluene	15.10	165	89536	43.07	nq	# 83
57) Fluorene	15.80	166	289355	37.73	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	82265	38.00	nq	97
59) Diethylphthalate	15.56	149	309741	36.12	nq	98
60) 4-Chlorophenyl-phenylether	15.79	204	166002	37.70	nq	97
61) 4-Nitroaniline	15.81	138	68901	39.58	nq	# 71
62) Azobenzene	16.08	77	268632	37.64	nq	93
64) 4,6-Dinitro-2-methylphenol	15.86	198	50701	42.15	nq	94
65) n-Nitrosodiphenylamine	16.00	169	255700	40.43	nq	96
66) 4-Bromophenyl-phenylether	16.68	248	109460	40.31	nq	96
67) Hexachlorobenzene	16.80	284	114889	40.61	nq	97
68) Atrazine	16.94	200	107687	39.19	nq	95
69) Pentachlorophenol	17.14	266	72287	43.78	nq	98
70) Phenanthrene	17.54	178	488943	39.54	nq	97
71) Anthracene	17.63	178	501643	39.83	nq	96
72) Carbazole	17.89	167	430372	38.79	nq	97
73) Di-n-butylphthalate	18.45	149	532053	39.12	nq	98
74) Fluoranthene	19.54	202	612657	38.74	nq	93
76) Benzidine	19.71	184	324890	38.16	nq	97
77) Pyrene	19.90	202	612947	40.20	nq	96
79) Butylbenzylphthalate	20.78	149	245482	41.08	nq	96
80) Benzo(a)anthracene	21.75	228	629101	39.66	nq	99
81) 3,3'-Dichlorobenzidine	21.66	252	235108	38.91	nq	98
82) Chrysene	21.82	228	605587	40.20	nq	96
83) Bis(2-ethylhexyl)phthalate	21.66	149	357740	40.79	nq	97
84) Di-n-octyl phthalate	22.91	149	602909	42.28	nq	# 94
85) Indeno(1,2,3-cd)pyrene	28.82	276	709897	42.78	nq	# 100
87) Benzo(b)fluoranthene	24.01	252	605101	38.90	nq	# 94
88) Benzo(k)fluoranthene	24.09	252	607485	39.43	nq	# 95
89) Benzo(a)pyrene	24.91	252	587186	39.76	nq	# 96
90) Dibenzo(a,h)anthracene	28.90	278	588197	40.31	nq	# 93
91) Benzo(g,h,i)perylene	30.01	276	586262	40.92	nq	# 93

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

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