

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
 Data File : BF077990.D
 Acq On : 26 Mar 2015 12:16
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Mar 26 13:08:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 02:09:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	52648	20.00	ng	-0.07
21) Naphthalene-d8	8.67	136	215336	20.00	ng	-0.07
38) Acenaphthene-d10	10.84	164	109087	20.00	ng	-0.07
63) Phenanthrene-d10	12.67	188	213790	20.00	ng	-0.08
75) Chrysene-d12	15.96	240	234472	20.00	ng	-0.17
86) Perylene-d12	17.75	264	226929	20.00	ng	-0.35

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	240784	79.83	ng	-0.06
7) Phenol-d6	6.68	99	301389	80.88	ng	-0.05
23) Nitrobenzene-d5	7.79	82	260468	79.29	ng	-0.07
41) 2,4,6-Tribromophenol	11.82	330	81368	77.96	ng	-0.07
44) 2-Fluorobiphenyl	10.02	172	556967	75.03	ng	-0.07
78) Terphenyl-d14	14.67	244	676518	70.48	ng	-0.09

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.94	88	54557	39.84	ng	# 100
3) Pyridine	2.60	79	153759	41.79	ng	97
4) n-Nitrosodimethylamine	2.54	42	57163	35.68	ng	94
6) Aniline	6.68	93	208241	39.07	ng	91
8) 2-Chlorophenol	6.83	128	142492	39.69	ng	94
9) Benzaldehyde	6.54	77	75066	49.17	ng	88
10) Phenol	6.69	94	180564	40.99	ng	81
11) bis(2-Chloroethyl)ether	6.80	93	130555	39.57	ng	97
12) 1,3-Dichlorobenzene	7.01	146	153328	38.40	ng	96
13) 1,4-Dichlorobenzene	7.12	146	161489	38.92	ng	97
14) 1,2-Dichlorobenzene	7.30	146	147017	38.65	ng	97
15) Benzyl Alcohol	7.29	79	117227	40.30	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.47	45	172621	38.82	ng	98
17) 2-Methylphenol	7.45	107	112830	38.60	ng	97
18) Hexachloroethane	7.71	117	53113	39.03	ng	93
19) n-Nitroso-di-n-propylamine	7.62	70	97775	37.93	ng	97
20) 3+4-Methylphenols	7.64	107	154681	40.33	ng	97
22) Acetophenone	7.61	105	192054	40.29	ng	# 97
24) Nitrobenzene	7.81	77	143026	40.41	ng	96
25) Isophorone	8.12	82	265426	40.01	ng	96
26) 2-Nitrophenol	8.21	139	69850	40.31	ng	92
27) 2,4-Dimethylphenol	8.28	122	121450	38.48	ng	96
28) bis(2-Chloroethoxy)methane	8.40	93	157586	39.13	ng	99
29) 2,4-Dichlorophenol	8.51	162	119259	39.64	ng	98
30) 1,2,4-Trichlorobenzene	8.60	180	126866	37.69	ng	96
31) Naphthalene	8.69	128	420916	38.06	ng	99
32) Benzoic acid	8.41	122	58973	34.43	ng	98
33) 4-Chloroaniline	8.78	127	183103	40.79	ng	99
34) Hexachlorobutadiene	8.85	225	75477	39.56	ng	98
35) Caprolactam	9.22	113	35127	39.95	ng	95
36) 4-Chloro-3-methylphenol	9.40	107	125955	41.61	ng	97
37) 2-Methylnaphthalene	9.56	142	284477	38.29	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.77	216	121197	37.25	ng	# 100
40) Hexachlorocyclopentadiene	9.74	237	51207	33.36	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.92	196	90103	39.98	nq	99
43) 2,4,5-Trichlorophenol	9.96	196	95991	39.42	nq	# 88
45) 1,1'-Biphenyl	10.14	154	332617	38.14	nq	99
46) 2-Chloronaphthalene	10.16	162	270544	38.18	nq	# 93
47) 2-Nitroaniline	10.29	65	72756	41.34	nq	92
48) Acenaphthylene	10.67	152	459963	39.03	nq	99
49) Dimethylphthalate	10.53	163	314544	38.88	nq	99
50) 2,6-Dinitrotoluene	10.60	165	68103	40.61	nq	91
51) Acenaphthene	10.88	154	262262	38.81	nq	99
52) 3-Nitroaniline	10.81	138	83040	42.63	nq	88
53) 2,4-Dinitrophenol	10.94	184	16405	32.00	nq	# 69
54) Dibenzofuran	11.09	168	380639	37.98	nq	93
55) 4-Nitrophenol	11.04	139	53281	36.93	nq	# 78
56) 2,4-Dinitrotoluene	11.10	165	92818	42.44	nq	# 58
57) Fluorene	11.52	166	322333	38.74	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.25	232	73428	39.16	nq	# 100
59) Diethylphthalate	11.41	149	322932	40.96	nq	99
60) 4-Chlorophenyl-phenylether	11.53	204	141111	37.16	nq	# 87
61) 4-Nitroaniline	11.56	138	84071	43.31	nq	84
62) Azobenzene	11.72	77	295757	39.25	nq	91
64) 4,6-Dinitro-2-methylphenol	11.60	198	33375	34.40	nq	85
65) n-Nitrosodiphenylamine	11.68	169	283593	39.84	nq	99
66) 4-Bromophenyl-phenylether	12.13	248	88796	38.92	nq	# 88
67) Hexachlorobenzene	12.19	284	94959	37.88	nq	# 88
68) Atrazine	12.36	200	78329	39.26	nq	99
69) Pentachlorophenol	12.44	266	37848	30.80	nq	96
70) Phenanthrene	12.71	178	473046	38.54	nq	99
71) Anthracene	12.77	178	498338	41.10	nq	99
72) Carbazole	12.98	167	453273	39.30	nq	100
73) Di-n-butylphthalate	13.44	149	529918	40.97	nq	100
74) Fluoranthene	14.18	202	546379	40.36	nq	97
76) Benzidine	14.36	184	230289	39.70	nq	99
77) Pyrene	14.45	202	553029	37.51	nq	100
79) Butylbenzylphthalate	15.30	149	240441	41.36	nq	94
80) Benzo(a)anthracene	15.95	228	534860	38.48	nq	100
81) 3,3'-Dichlorobenzidine	15.94	252	181701	39.63	nq	99
82) Chrysene	16.00	228	500629	40.06	nq	99
83) Bis(2-ethylhexyl)phthalate	16.03	149	347404	39.45	nq	100
84) Di-n-octyl phthalate	16.84	149	602897	40.04	nq	99
85) Indeno(1,2,3-cd)pyrene	19.51	276	512227	32.84	nq	# 100
87) Benzo(b)fluoranthene	17.29	252	544482	36.75	nq	# 96
88) Benzo(k)fluoranthene	17.32	252	525422m	45.41	nq	
89) Benzo(a)pyrene	17.68	252	510155	41.27	nq	98
90) Dibenzo(a,h)anthracene	19.14	278	500249	40.80	nq	98
91) Benzo(g,h,i)perylene	19.51	276	523453	41.94	nq	97

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

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