

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
 Data File : BF088456.D
 Acq On : 27 Jun 2016 15:43
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 28 08:43:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 28 05:25:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	134247	20.00	ng	-0.01
21) Naphthalene-d8	7.83	136	526250	20.00	ng	-0.01
38) Acenaphthene-d10	9.58	164	232656	20.00	ng	-0.01
63) Phenanthrene-d10	11.05	188	449509	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	303678	20.00	ng	0.00
86) Perylene-d12	15.03	264	270789	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.12	112	618258	78.73	ng	-0.01
7) Phenol-d6	6.23	99	698420	73.39	ng	0.00
23) Nitrobenzene-d5	7.13	82	675085	74.91	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	181596	73.92	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	1056677	70.40	ng	-0.01
78) Terphenyl-d14	12.64	244	999009	74.86	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.93	88	151270	39.64	ng	# 46
3) Pyridine	2.55	79	361257	40.10	ng	92
4) n-Nitrosodimethylamine	2.55	42	129506	33.94	ng	# 76
6) Aniline	6.22	93	443294	32.73	ng	# 82
8) 2-Chlorophenol	6.33	128	349874	37.64	ng	95
9) Benzaldehyde	6.09	77	221968	36.15	ng	99
10) Phenol	6.24	94	469721	47.97	ng	94
11) bis(2-Chloroethyl)ether	6.30	93	358934	43.01	ng	84
12) 1,3-Dichlorobenzene	6.48	146	388210	38.93	ng	96
13) 1,4-Dichlorobenzene	6.56	146	396075	39.43	ng	100
14) 1,2-Dichlorobenzene	6.71	146	311971m	34.15	ng	
15) Benzyl Alcohol	6.72	79	281495	37.81	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.83	45	309211	27.43	ng	# 7
17) 2-Methylphenol	6.84	107	272139	36.10	ng	# 90
18) Hexachloroethane	7.05	117	137244	38.50	ng	89
19) n-Nitroso-di-n-propylamine	6.99	70	231552	38.03	ng	# 82
20) 3+4-Methylphenols	7.00	107	360304	40.97	ng	# 76
22) Acetophenone	6.98	105	508015	43.20	ng	# 96
24) Nitrobenzene	7.15	77	345861	39.62	ng	92
25) Isophorone	7.39	82	667132	39.97	ng	98
26) 2-Nitrophenol	7.46	139	209284	44.75	ng	# 81
27) 2,4-Dimethylphenol	7.52	122	290256	33.71	ng	94
28) bis(2-Chloroethoxy)methane	7.60	93	387822	37.46	ng	# 96
29) 2,4-Dichlorophenol	7.71	162	290591	40.42	ng	96
30) 1,2,4-Trichlorobenzene	7.78	180	304410	38.89	ng	98
31) Naphthalene	7.85	128	900634	34.58	ng	100
32) Benzoic acid	7.70	122	101023	21.31	ng	96
33) 4-Chloroaniline	7.92	127	424581	36.51	ng	98
34) Hexachlorobutadiene	7.96	225	152117	36.85	ng	98
35) Caprolactam	8.34	113	107418m	45.11	ng	
36) 4-Chloro-3-methylphenol	8.43	107	309065	40.20	ng	98
37) 2-Methylnaphthalene	8.55	142	665249	38.76	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	282515	47.58	ng	# 1
40) Hexachlorocyclopentadiene	8.70	237	151688	40.42	ng	99

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42) 2,4,6-Trichlorophenol	8.83	196	177561	38.16	nq	95
43) 2,4,5-Trichlorophenol	8.89	196	166174	34.33	nq	# 93
45) 1,1'-Biphenyl	9.02	154	816125	47.01	nq	96
46) 2-Chloronaphthalene	9.04	162	617815	41.04	nq	95
47) 2-Nitroaniline	9.15	65	185087	41.67	nq	# 61
48) Acenaphthylene	9.44	152	858972	35.87	nq	99
49) Dimethylphthalate	9.34	163	736234	43.69	nq	99
50) 2,6-Dinitrotoluene	9.39	165	139595	36.17	nq	# 50
51) Acenaphthene	9.61	154	511370	34.23	nq	98
52) 3-Nitroaniline	9.56	138	176447	39.62	nq	95
53) 2,4-Dinitrophenol	9.69	184	31448	20.21	nq	92
54) Dibenzofuran	9.78	168	759604	36.92	nq	# 81
55) 4-Nitrophenol	9.77	139	72893m	21.09	nq	
56) 2,4-Dinitrotoluene	9.80	165	224145	45.19	nq	# 81
57) Fluorene	10.12	166	532095	37.46	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	157397	41.38	nq	# 60
59) Diethylphthalate	10.02	149	631619	37.02	nq	98
60) 4-Chlorophenyl-phenylether	10.12	204	263544	38.52	nq	99
61) 4-Nitroaniline	10.19	138	189039	44.75	nq	98
62) Azobenzene	10.28	77	708339	41.99	nq	94
64) 4,6-Dinitro-2-methylphenol	10.22	198	69135	25.69	nq	81
65) n-Nitrosodiphenylamine	10.25	169	550346	36.90	nq	98
66) 4-Bromophenyl-phenylether	10.60	248	179555	37.23	nq	# 83
67) Hexachlorobenzene	10.67	284	193063	38.53	nq	# 88
68) Atrazine	10.79	200	160670	35.57	nq	91
69) Pentachlorophenol	10.88	266	94596	35.82	nq	97
70) Phenanthrene	11.08	178	919169	38.97	nq	99
71) Anthracene	11.13	178	893552	37.55	nq	100
72) Carbazole	11.30	167	953452	42.82	nq	99
73) Di-n-butylphthalate	11.63	149	1102853	39.13	nq	98
74) Fluoranthene	12.26	202	944719	37.95	nq	98
76) Benzidine	12.40	184	387637	46.10	nq	98
77) Pyrene	12.49	202	966201	42.88	nq	99
79) Butylbenzylphthalate	13.11	149	447417	44.91	nq	# 83
80) Benzo(a)anthracene	13.67	228	623454	36.03	nq	99
81) 3,3'-Dichlorobenzidine	13.65	252	218684	46.99	nq	# 97
82) Chrysene	13.71	228	712471	43.76	nq	99
83) Bis(2-ethylhexyl)phthalate	13.67	149	483077	39.83	nq	97
84) Di-n-octyl phthalate	14.29	149	897431	45.54	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.27	276	643786	42.56	nq	# 100
87) Benzo(b)fluoranthene	14.67	252	600123m	31.80	nq	
88) Benzo(k)fluoranthene	14.70	252	590994m	41.51	nq	
89) Benzo(a)pyrene	14.98	252	587126	38.45	nq	98
90) Dibenzo(a,h)anthracene	16.27	278	533097	37.59	nq	96
91) Benzo(g,h,i)perylene	16.63	276	567307	38.89	nq	99

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

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