

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085536.D
 Acq On : 18 Mar 2016 16:50
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 3/21/2016 2:48:22 PM

Quant Time: Mar 21 18:15:34 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	148183	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	590449	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	281900	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	544895	20.00	ng	0.00
75) Chrysene-d12	14.03	240	439853	20.00	ng	0.01
86) Perylene-d12	15.44	264	399712	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	726749	82.38	ng	0.00
7) Phenol-d6	6.49	99	881124	77.87	ng	0.00
23) Nitrobenzene-d5	7.43	82	845966	83.17	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	220716	79.93	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1452057	88.89	ng	0.00
78) Terphenyl-d14	12.96	244	1375237	75.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	165231	38.53	ng	97
3) Pyridine	3.19	79	476945	45.29	ng	99
4) n-Nitrosodimethylamine	3.13	42	175521	39.93	ng	96
6) Aniline	6.52	93	624755	41.11	ng	99
8) 2-Chlorophenol	6.64	128	418058	40.96	ng	97
9) Benzaldehyde	6.40	77	207566	38.69	ng	100
10) Phenol	6.50	94	520947	40.42	ng	98
11) bis(2-Chloroethyl)ether	6.60	93	395569	40.71	ng	99
12) 1,3-Dichlorobenzene	6.80	146	452731	40.71	ng	99
13) 1,4-Dichlorobenzene	6.87	146	443808	39.12	ng	99
14) 1,2-Dichlorobenzene	7.03	146	420315	41.73	ng	99
15) Benzyl Alcohol	7.01	79	323787	41.78	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.13	45	546326	42.76	ng	100
17) 2-Methylphenol	7.12	107	355785	42.05	ng	98
18) Hexachloroethane	7.37	117	171791	41.94	ng	96
19) n-Nitroso-di-n-propylamine	7.28	70	285544	42.25	ng	98
20) 3+4-Methylphenols	7.27	107	357335	36.47	ng	98
22) Acetophenone	7.27	105	510310	36.42	ng	98
24) Nitrobenzene	7.44	77	408703	36.71	ng	99
25) Isophorone	7.68	82	810692	39.81	ng	100
26) 2-Nitrophenol	7.76	139	244347	44.40	ng	99
27) 2,4-Dimethylphenol	7.80	122	376621	38.70	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	504291	43.53	ng	100
29) 2,4-Dichlorophenol	8.00	162	315915	39.31	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	349196	38.79	ng	99
31) Naphthalene	8.16	128	1130033	37.92	ng	99
32) Benzoic acid	7.93	122	357680	43.96	ng	99
33) 4-Chloroaniline	8.22	127	509480	41.71	ng	99
34) Hexachlorobutadiene	8.29	225	196164	40.89	ng	99
35) Caprolactam	8.60	113	107855	39.01	ng	100
36) 4-Chloro-3-methylphenol	8.70	107	360376	38.40	ng	98
37) 2-Methylnaphthalene	8.86	142	756440	41.64	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	322490	37.71	ng	100
40) Hexachlorocyclopentadiene	9.01	237	164304	42.63	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	227439	38.85	ng	100
43) 2,4,5-Trichlorophenol	9.18	196	250885	42.11	ng	98
45) 1,1'-Biphenyl	9.33	154	930731	38.27	ng	93
46) 2-Chloronaphthalene	9.35	162	725639	40.85	ng	99
47) 2-Nitroaniline	9.44	65	233663	43.48	ng	99
48) Acenaphthylene	9.76	152	1165741	40.55	ng	100
49) Dimethylphthalate	9.62	163	807591	37.96	ng	100
50) 2,6-Dinitrotoluene	9.68	165	176102	39.21	ng	99
51) Acenaphthene	9.93	154	716336	39.71	ng	99
52) 3-Nitroaniline	9.85	138	211894	37.67	ng	100
53) 2,4-Dinitrophenol	9.96	184	112478	40.88	ng	96
54) Dibenzofuran	10.10	168	909602	41.40	ng	99
55) 4-Nitrophenol	10.01	139	163985	37.72	ng	93
56) 2,4-Dinitrotoluene	10.09	165	274738	46.73	ng	94
57) Fluorene	10.45	166	748619	40.89	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	169812	39.59	ng	97
59) Diethylphthalate	10.32	149	829253	39.21	ng	100
60) 4-Chlorophenyl-phenylether	10.44	204	334587	37.42	ng	100
61) 4-Nitroaniline	10.47	138	236361	42.63	ng	95
62) Azobenzene	10.60	77	802546	39.54	ng	99
64) 4,6-Dinitro-2-methylphenol	10.50	198	158265	45.39	ng	# 46
65) n-Nitrosodiphenylamine	10.56	169	705585	41.57	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	221759	40.74	ng	96
67) Hexachlorobenzene	11.00	284	243699	42.14	ng	97
68) Atrazine	11.09	200	214372	41.48	ng	100
69) Pentachlorophenol	11.19	266	156428	44.55	ng	98
70) Phenanthrene	11.41	178	1129926	39.33	ng	99
71) Anthracene	11.45	178	1154057	38.31	ng	100
72) Carbazole	11.61	167	1056890	40.67	ng	100
73) Di-n-butylphthalate	11.94	149	1367311	42.01	ng	100
74) Fluoranthene	12.60	202	1255813	41.74	ng	92
76) Benzidine	12.71	184	595489	40.26	ng	99
77) Pyrene	12.82	202	1290450	40.86	ng	99
79) Butylbenzylphthalate	13.44	149	637651	42.36	ng	93
80) Benzo(a)anthracene	14.01	228	1014451	39.73	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	382617	40.89	ng	98
82) Chrysene	14.05	228	1047751	42.65	ng	100
83) Bis(2-ethylhexyl)phthalate	14.00	149	776441	41.51	ng	# 93
84) Di-n-octyl phthalate	14.61	149	1273450	41.78	ng	100
85) Indeno(1,2,3-cd)pyrene	16.85	276	857114	41.75	ng	100
87) Benzo(b)fluoranthene	15.07	252	1870043	71.70	ng	99
88) Benzo(k)fluoranthene	15.07	252	1870043	87.03	ng	# 97
89) Benzo(a)pyrene	15.39	252	902636	40.82	ng	98
90) Dibenzo(a,h)anthracene	16.87	278	721206	39.11	ng	98
91) Benzo(g,h,i)perylene	17.27	276	674000	37.76	ng	100

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

