

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012015\
 Data File : BF076980.D
 Acq On : 21 Jan 2015 1:56
 Operator : IZ / TP
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

tejaskumar
 1/21/2015 5:30:05 PM

Quant Time: Jan 21 10:37:59 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 21 01:04:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	37361	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	164493	20.00	ng	0.00
38) Acenaphthene-d10	14.95	164	92623	20.00	ng	0.00
63) Phenanthrene-d10	17.74	188	156890	20.00	ng	0.01
75) Chrysene-d12	21.24	240	165215	20.00	ng	0.00
86) Perylene-d12	22.89	264	140425	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	4.96	112	196204	86.34	ng	0.00
7) Phenol-d6	7.32	99	253164	88.32	ng	0.00
23) Nitrobenzene-d5	9.21	82	258375	87.02	ng	0.00
41) 2,4,6-Tribromophenol	16.64	330	67247	89.44	ng	0.01
44) 2-Fluorobiphenyl	13.48	172	511353	84.02	ng	0.00
78) Terphenyl-d14	19.97	244	551742	76.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.24	88	38519	39.59	ng	98
3) Pyridine	1.70	79	98687	39.20	ng	94
4) n-Nitrosodimethylamine	1.67	42	53622	42.99	ng	# 91
6) Aniline	7.20	93	172941	43.59	ng	98
8) 2-Chlorophenol	7.44	128	116169	44.35	ng	95
9) Benzaldehyde	6.92	77	62948	38.17	ng	96
10) Phenol	7.35	94	132172	43.42	ng	95
11) bis(2-Chloroethyl)ether	7.45	93	104054	43.69	ng	# 85
12) 1,3-Dichlorobenzene	7.75	146	132117	44.33	ng	99
13) 1,4-Dichlorobenzene	7.94	146	135054	42.73	ng	99
14) 1,2-Dichlorobenzene	8.26	146	126713	43.51	ng	99
15) Benzyl Alcohol	8.34	79	106159	45.77	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.70	45	139128	43.46	ng	88
17) 2-Methylphenol	8.70	107	93996	43.91	ng	97
18) Hexachloroethane	9.01	117	49089	44.66	ng	95
19) n-Nitroso-di-n-propylamine	8.98	70	89407	44.56	ng	98
20) 3+4-Methylphenols	9.08	107	121511	42.87	ng	97
22) Acetophenone	8.90	105	171095	42.47	ng	96
24) Nitrobenzene	9.26	77	131813	43.58	ng	96
25) Isophorone	9.85	82	230215	42.57	ng	96
26) 2-Nitrophenol	9.99	139	64723	42.01	ng	89
27) 2,4-Dimethylphenol	10.28	122	101590	43.43	ng	97
28) bis(2-Chloroethoxy)methane	10.48	93	134812	43.86	ng	99
29) 2,4-Dichlorophenol	10.60	162	98648	45.25	ng	96
30) 1,2,4-Trichlorobenzene	10.73	180	106084	43.81	ng	99
31) Naphthalene	10.87	128	365920	43.21	ng	99
32) Benzoic acid	10.65	122	50069m	38.64	ng	
33) 4-Chloroaniline	11.11	127	146487	42.81	ng	99
34) Hexachlorobutadiene	11.24	225	62037	43.18	ng	95
35) Caprolactam	11.99	113	27191	42.37	ng	# 84
36) 4-Chloro-3-methylphenol	12.41	107	106118	42.51	ng	99
37) 2-Methylnaphthalene	12.53	142	248557	42.98	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	95362	41.64	ng	97
40) Hexachlorocyclopentadiene	12.92	237	45392	39.29	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	72965	43.73	nq	97
43) 2,4,5-Trichlorophenol	13.36	196	73260	43.05	nq	97
45) 1,1'-Biphenyl	13.68	154	288335	41.99	nq	99
46) 2-Chloronaphthalene	13.65	162	239378	42.36	nq	98
47) 2-Nitroaniline	14.00	65	73326	42.78	nq	85
48) Acenaphthylene	14.61	152	396723	41.62	nq	99
49) Dimethylphthalate	14.55	163	272692	41.51	nq	98
50) 2,6-Dinitrotoluene	14.64	165	60471	46.08	nq	90
51) Acenaphthene	15.03	154	222533	41.15	nq	95
52) 3-Nitroaniline	15.00	138	69411	40.78	nq	88
53) 2,4-Dinitrophenol	15.27	184	21299	41.26	nq	92
54) Dibenzofuran	15.45	168	329648	41.85	nq	99
55) 4-Nitrophenol	15.59	139	40651	39.48	nq	99
56) 2,4-Dinitrotoluene	15.58	165	82594	42.25	nq	97
57) Fluorene	16.17	166	283182	42.43	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.80	232	54000	43.58	nq	# 95
59) Diethylphthalate	16.17	149	286532	43.16	nq	99
60) 4-Chlorophenyl-phenylether	16.27	204	118726	43.48	nq	94
61) 4-Nitroaniline	16.32	138	68052	41.34	nq	97
62) Azobenzene	16.55	77	302107	43.68	nq	98
64) 4,6-Dinitro-2-methylphenol	16.39	198	42009	42.10	nq	92
65) n-Nitrosodiphenylamine	16.52	169	231637	41.41	nq	99
66) 4-Bromophenyl-phenylether	17.11	248	66223	41.66	nq	94
67) Hexachlorobenzene	17.12	284	74069	44.22	nq	# 89
68) Atrazine	17.49	200	74981	44.17	nq	97
69) Pentachlorophenol	17.49	266	29522	42.02	nq	# 86
70) Phenanthrene	17.77	178	405787	41.47	nq	99
71) Anthracene	17.85	178	403574	42.30	nq	99
72) Carbazole	18.14	167	398413	43.05	nq	99
73) Di-n-butylphthalate	18.72	149	479125	44.73	nq	99
74) Fluoranthene	19.42	202	437682	43.66	nq	97
76) Benzidine	19.65	184	185963	35.18	nq	98
77) Pyrene	19.69	202	449579	39.70	nq	99
79) Butylbenzylphthalate	20.63	149	217249	42.36	nq	97
80) Benzo(a)anthracene	21.23	228	413588	39.90	nq	99
81) 3,3'-Dichlorobenzidine	21.24	252	140579	42.68	nq	# 96
82) Chrysene	21.27	228	363058	38.41	nq	97
83) Bis(2-ethylhexyl)phthalate	21.37	149	304765	42.95	nq	# 99
84) Di-n-octyl phthalate	22.14	149	545075	44.26	nq	99
85) Indeno(1,2,3-cd)pyrene	24.01	276	388252m	38.75	nq	
87) Benzo(b)fluoranthene	22.48	252	408801	43.22	nq	# 95
88) Benzo(k)fluoranthene	22.51	252	333345m	40.34	nq	
89) Benzo(a)pyrene	22.83	252	348434	41.77	nq	# 95
90) Dibenzo(a,h)anthracene	24.04	278	307393	40.16	nq	100
91) Benzo(g,h,i)perylene	24.30	276	312861	41.11	nq	# 95

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

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