

Data Path : Z:\HPCHEM1\BNA_F\Data\BF021115\
 Data File : BF077251.D
 Acq On : 11 Feb 2015 13:31
 Operator : TP/IZ
 Sample : PB81682BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 PB81682BS

Manual Integrations
 APPROVED

apatel
 2/12/2015 4:11:56 PM

Quant Time: Feb 12 00:27:23 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 10 13:30:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	34407	20.00	ng	-0.06
21) Naphthalene-d8	10.45	136	148118m	20.00	ng	-0.05
38) Acenaphthene-d10	14.58	164	70133	20.00	ng	-0.05
63) Phenanthrene-d10	17.47	188	126900	20.00	ng	-0.03
75) Chrysene-d12	20.99	240	109600	20.00	ng	-0.02
86) Perylene-d12	22.63	264	92158	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	4.56	112	162131	77.48	ng	-0.03
7) Phenol-d6	6.98	99	210251	79.64	ng	-0.03
23) Nitrobenzene-d5	8.85	82	191722	71.71	ng	-0.05
41) 2,4,6-Tribromophenol	16.34	330	47105	82.74	ng	-0.03
44) 2-Fluorobiphenyl	13.12	172	389515	84.52	ng	-0.05
78) Terphenyl-d14	19.72	244	362382	76.12	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.05	88	23434	26.15	ng	# 78
3) Pyridine	1.47	79	62408	26.92	ng	94
4) n-Nitrosodimethylamine	1.44	42	35848	31.21	ng	92
6) Aniline	6.83	93	51108	13.99	ng	97
8) 2-Chlorophenol	7.07	128	71847	29.78	ng	94
10) Phenol	7.00	94	76254	27.20	ng	92
11) bis(2-Chloroethyl)ether	7.09	93	64497	29.40	ng	# 83
12) 1,3-Dichlorobenzene	7.38	146	77069	28.08	ng	97
13) 1,4-Dichlorobenzene	7.58	146	78348	26.92	ng	98
14) 1,2-Dichlorobenzene	7.89	146	73680	27.47	ng	97
15) Benzyl Alcohol	8.00	79	63125	29.55	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.35	45	90801	30.80	ng	# 68
17) 2-Methylphenol	8.36	107	55834	28.32	ng	98
18) Hexachloroethane	8.64	117	30389	30.02	ng	95
19) n-Nitroso-di-n-propylamine	8.64	70	53317	28.85	ng	99
20) 3+4-Methylphenols	8.75	107	71424m	27.36	ng	
22) Acetophenone	8.54	105	105927	29.20	ng	97
24) Nitrobenzene	8.90	77	77118	28.31	ng	99
25) Isophorone	9.50	82	140498	28.86	ng	96
26) 2-Nitrophenol	9.64	139	36167	26.74	ng	# 82
27) 2,4-Dimethylphenol	9.94	122	63923	30.35	ng	93
28) bis(2-Chloroethoxy)methane	10.13	93	85303	30.82	ng	100
29) 2,4-Dichlorophenol	10.26	162	61620m	31.39	ng	
30) 1,2,4-Trichlorobenzene	10.37	180	62321	28.58	ng	99
31) Naphthalene	10.50	128	213272	27.97	ng	99
32) Benzoic acid	10.35	122	20398m	17.48	ng	
33) 4-Chloroaniline	10.77	127	62033m	20.13	ng	
34) Hexachlorobutadiene	10.88	225	36782	28.43	ng	95
35) Caprolactam	11.63	113	16613m	28.75	ng	
36) 4-Chloro-3-methylphenol	12.09	107	63305	28.17	ng	99
37) 2-Methylnaphthalene	12.16	142	151125	29.02	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	60599	34.95	ng	97
40) Hexachlorocyclopentadiene	12.55	237	56360	61.50	ng	95
42) 2,4,6-Trichlorophenol	12.92	196	39977	31.64	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.03	196	41739m	32.39	ng	
45) 1,1'-Biphenyl	13.31	154	180695	34.75	ng	96
46) 2-Chloronaphthalene	13.29	162	141935	33.17	ng	97
47) 2-Nitroaniline	13.64	65	45954	35.41	ng	93
48) Acenaphthylene	14.23	152	231372	32.06	ng	99
49) Dimethylphthalate	14.20	163	171054	34.39	ng	99
50) 2,6-Dinitrotoluene	14.29	165	34724	34.94	ng	95
51) Acenaphthene	14.65	154	128775	31.45	ng	96
52) 3-Nitroaniline	14.64	138	29023	23.34	ng	87
53) 2,4-Dinitrophenol	14.93	184	21287	50.70	ng	# 90
54) Dibenzofuran	15.08	168	198331	33.25	ng	96
55) 4-Nitrophenol	15.28	139	38334	49.17	ng	88
56) 2,4-Dinitrotoluene	15.23	165	46532	31.97	ng	96
57) Fluorene	15.85	166	164844	32.62	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.45	232	26546	28.29	ng	96
59) Diethylphthalate	15.87	149	176059	35.02	ng	99
60) 4-Chlorophenyl-phenylether	15.95	204	69297	33.52	ng	96
61) 4-Nitroaniline	16.02	138	32330	26.47	ng	92
62) Azobenzene	16.25	77	163823m	31.28	ng	
64) 4,6-Dinitro-2-methylphenol	16.10	198	19490	25.56	ng	# 68
65) n-Nitrosodiphenylamine	16.21	169	130529	28.85	ng	97
66) 4-Bromophenyl-phenylether	16.83	248	40218	31.28	ng	93
67) Hexachlorobenzene	16.84	284	41514	30.64	ng	# 74
68) Atrazine	17.23	200	43880	31.96	ng	94
69) Pentachlorophenol	17.23	266	22443	39.91	ng	98
70) Phenanthrene	17.51	178	226003	28.56	ng	99
71) Anthracene	17.59	178	228178	29.57	ng	98
72) Carbazole	17.88	167	217132	29.01	ng	99
73) Di-n-butylphthalate	18.49	149	266464	30.76	ng	99
74) Fluoranthene	19.16	202	223641	27.58	ng	99
76) Benzidine	19.41	184	91397	26.06	ng	99
77) Pyrene	19.45	202	233363	31.07	ng	99
79) Butylbenzylphthalate	20.40	149	106544	31.32	ng	96
80) Benzo(a)anthracene	20.98	228	196896	28.63	ng	99
81) 3,3'-Dichlorobenzidine	20.99	252	45651	20.89	ng	93
82) Chrysene	21.01	228	184743	29.46	ng	99
83) Bis(2-ethylhexyl)phthalate	21.14	149	149178	31.69	ng	99
84) Di-n-octyl phthalate	21.89	149	258334	31.62	ng	97
85) Indeno(1,2,3-cd)pyrene	23.71	276	173544	26.11	ng	# 83
87) Benzo(b)fluoranthene	22.21	252	217581	35.05	ng	99
88) Benzo(k)fluoranthene	22.25	252	136496m	25.17	ng	
89) Benzo(a)pyrene	22.56	252	170088	31.07	ng	# 94
90) Dibenzo(a,h)anthracene	23.73	278	146846	29.23	ng	99
91) Benzo(g,h,i)perylene	23.96	276	147045	29.44	ng	98

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

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