

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
 Data File : BF084117.D
 Acq On : 25 Dec 2015 9:18
 Operator : UM/SJ
 Sample : G4951-10MS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-122315MS

Manual Integrations
 APPROVED

Sohil
 12/28/2015 1:10:15 PM

Quant Time: Dec 26 02:27:47 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	48627	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	186863	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	84480	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	158722	20.00	ng	0.00
75) Chrysene-d12	13.96	240	119512	20.00	ng	0.00
86) Perylene-d12	15.38	264	95121	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	188979	65.89	ng	0.00
7) Phenol-d6	6.45	99	146563	41.30	ng	0.00
23) Nitrobenzene-d5	7.37	82	272710	85.43	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	138260	153.47	ng	0.01
44) 2-Fluorobiphenyl	9.16	172	528292	85.56	ng	0.00
78) Terphenyl-d14	12.90	244	435355	65.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	19445	16.54	ng	98
3) Pyridine	3.13	79	40420	14.08	ng	98
4) n-Nitrosodimethylamine	3.04	42	23654	18.70	ng	98
6) Aniline	6.46	93	93200	20.77	ng	95
8) 2-Chlorophenol	6.59	128	127368	35.76	ng	96
9) Benzaldehyde	6.35	77	44013	23.19	ng	88
10) Phenol	6.46	94	62544	15.41	ng	# 19
11) bis(2-Chloroethyl)ether	6.53	93	122079	41.71	ng	95
12) 1,3-Dichlorobenzene	6.74	146	144389	37.13	ng	98
13) 1,4-Dichlorobenzene	6.82	146	143168m	36.59	ng	
14) 1,2-Dichlorobenzene	6.97	146	136036	37.73	ng	98
15) Benzyl Alcohol	6.96	79	80586	29.98	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.08	45	111271	38.91	ng	# 29
17) 2-Methylphenol	7.08	107	81298	29.73	ng	# 83
18) Hexachloroethane	7.31	117	52156	36.52	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	89269	40.84	ng	# 86
20) 3+4-Methylphenols	7.23	107	101839	29.19	ng	# 50
22) Acetophenone	7.22	105	202125	43.29	ng	# 86
24) Nitrobenzene	7.39	77	148893	43.93	ng	90
25) Isophorone	7.63	82	265814	45.01	ng	96
26) 2-Nitrophenol	7.71	139	74939	43.20	ng	93
27) 2,4-Dimethylphenol	7.76	122	121044	42.04	ng	98
28) bis(2-Chloroethoxy)methane	7.84	93	148679	43.19	ng	98
29) 2,4-Dichlorophenol	7.96	162	109010	40.76	ng	92
30) 1,2,4-Trichlorobenzene	8.03	180	121426	41.43	ng	98
31) Naphthalene	8.11	128	434451	43.70	ng	98
32) Benzoic acid	7.87	122	20393	14.77	ng	96
33) 4-Chloroaniline	8.17	127	85249	21.55	ng	# 91
34) Hexachlorobutadiene	8.22	225	64040	38.32	ng	97
35) Caprolactam	8.61	113	7496	10.11	ng	# 83
36) 4-Chloro-3-methylphenol	8.66	107	126678	42.13	ng	98
37) 2-Methylnaphthalene	8.80	142	270492m	43.46	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	123754	46.47	ng	98
40) Hexachlorocyclopentadiene	8.96	237	50189	68.72	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	74612	42.97	nq	99
43) 2,4,5-Trichlorophenol	9.14	196	82312	47.36	nq	98
45) 1,1'-Biphenyl	9.26	154	366128	47.97	nq	97
46) 2-Chloronaphthalene	9.29	162	267267	46.06	nq	97
47) 2-Nitroaniline	9.39	65	80907	52.48	nq	# 77
48) Acenaphthylene	9.70	152	393010	41.24	nq	99
49) Dimethylphthalate	9.57	163	363817	52.00	nq	# 91
50) 2,6-Dinitrotoluene	9.63	165	71451	48.11	nq	# 71
51) Acenaphthene	9.87	154	235624	42.52	nq	100
52) 3-Nitroaniline	9.80	138	36810	23.10	nq	86
53) 2,4-Dinitrophenol	9.92	184	57164	92.96	nq	93
54) Dibenzofuran	10.04	168	353191	46.34	nq	# 90
55) 4-Nitrophenol	10.00	139	30442	37.42	nq	82
56) 2,4-Dinitrotoluene	10.04	165	100722	51.38	nq	93
57) Fluorene	10.38	166	280731	43.34	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	65295	52.70	nq	# 98
59) Diethylphthalate	10.27	149	338887	47.68	nq	100
60) 4-Chlorophenyl-phenylether	10.37	204	126011	42.18	nq	# 76
61) 4-Nitroaniline	10.42	138	68170	46.28	nq	96
62) Azobenzene	10.53	77	295903	50.53	nq	87
64) 4,6-Dinitro-2-methylphenol	10.45	198	45945	52.15	nq	94
65) n-Nitrosodiphenylamine	10.50	169	255312	45.12	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	78802	42.86	nq	# 68
67) Hexachlorobenzene	10.94	284	90761	45.09	nq	# 86
68) Atrazine	11.05	200	76888	45.12	nq	99
69) Pentachlorophenol	11.14	266	80285	117.27	nq	97
70) Phenanthrene	11.34	178	405199	43.06	nq	99
71) Anthracene	11.40	178	451915	45.93	nq	100
72) Carbazole	11.56	167	428947	51.25	nq	98
73) Di-n-butylphthalate	11.88	149	480551	44.56	nq	# 97
74) Fluoranthene	12.53	202	423305	42.89	nq	98
77) Pyrene	12.76	202	440516	42.72	nq	99
79) Butylbenzylphthalate	13.38	149	210189	49.25	nq	90
80) Benzo(a)anthracene	13.95	228	332459	45.22	nq	100
81) 3,3'-Dichlorobenzidine	13.91	252	21525	9.67	nq	# 92
82) Chrysene	13.99	228	297279	43.85	nq	100
83) Bis(2-ethylhexyl)phthalate	13.94	149	271222	49.18	nq	# 97
84) Di-n-octyl phthalate	14.55	149	399439	51.47	nq	99
85) Indeno(1,2,3-cd)pyrene	16.77	276	314481	46.33	nq	99
87) Benzo(b)fluoranthene	14.98	252	298841m	42.31	nq	
88) Benzo(k)fluoranthene	15.00	252	264261m	55.20	nq	
89) Benzo(a)pyrene	15.32	252	272058	46.75	nq	# 98
90) Dibenzo(a,h)anthracene	16.77	278	264246	46.53	nq	98
91) Benzo(g,h,i)perylene	17.19	276	271339	46.81	nq	99

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

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