

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084077.D
 Acq On : 24 Dec 2015 14:06
 Operator : UM/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Manual Integrations
 APPROVED

Sohil
 12/28/2015 1:08:41 PM

Quant Time: Dec 24 15:25:53 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 15:05:54 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	49605	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	204450	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	96823	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	170755	20.00	ng	0.00
75) Chrysene-d12	13.96	240	122254	20.00	ng	0.00
86) Perylene-d12	15.38	264	98650	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	147069	50.55	ng	0.00
7) Phenol-d6	6.45	99	192848	56.38	ng	0.00
23) Nitrobenzene-d5	7.37	82	183841	55.24	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	49122	52.75	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	369306	51.33	ng	0.00
78) Terphenyl-d14	12.90	244	345543	67.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	31778	22.94	ng	96
3) Pyridine	3.07	79	76835	24.37	ng	98
4) n-Nitrosodimethylamine	3.00	42	33587	28.66	ng	95
6) Aniline	6.46	93	119463	25.23	ng	# 55
8) 2-Chlorophenol	6.59	128	94178	28.11	ng	91
9) Benzaldehyde	6.34	77	54396	23.81	ng	90
10) Phenol	6.46	94	110644	27.96	ng	82
11) bis(2-Chloroethyl)ether	6.53	93	76465	25.29	ng	97
12) 1,3-Dichlorobenzene	6.74	146	100737	27.06	ng	97
13) 1,4-Dichlorobenzene	6.82	146	99141m	27.28	ng	
14) 1,2-Dichlorobenzene	6.97	146	95801	27.57	ng	99
15) Benzyl Alcohol	6.94	79	70216	26.07	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	7.08	45	73850	25.30	ng	76
17) 2-Methylphenol	7.07	107	71571	26.82	ng	# 93
18) Hexachloroethane	7.31	117	37641	28.24	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	59689	28.79	ng	93
20) 3+4-Methylphenols	7.23	107	90087	27.35	ng	# 47
22) Acetophenone	7.21	105	122640	25.57	ng	95
24) Nitrobenzene	7.38	77	84216	24.55	ng	93
25) Isophorone	7.63	82	157356	24.95	ng	# 93
26) 2-Nitrophenol	7.70	139	45451	24.62	ng	# 69
27) 2,4-Dimethylphenol	7.76	122	74090	23.03	ng	93
28) bis(2-Chloroethoxy)methane	7.84	93	91677	23.47	ng	99
29) 2,4-Dichlorophenol	7.95	162	72929	25.37	ng	96
30) 1,2,4-Trichlorobenzene	8.03	180	80475	26.84	ng	97
31) Naphthalene	8.11	128	270543	25.90	ng	99
32) Benzoic acid	7.87	122	36744	26.93	ng	98
33) 4-Chloroaniline	8.16	127	103612	24.26	ng	98
34) Hexachlorobutadiene	8.22	225	42878	23.93	ng	98
35) Caprolactam	8.52	113	20051	23.21	ng	92
36) 4-Chloro-3-methylphenol	8.66	107	80251	26.10	ng	92
37) 2-Methylnaphthalene	8.80	142	163999	24.25	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	77442	26.61	ng	97
40) Hexachlorocyclopentadiene	8.96	237	10894	16.10	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	49175	28.06	ng	97
43) 2,4,5-Trichlorophenol	9.13	196	49782	27.29	ng	# 87
45) 1,1'-Biphenyl	9.26	154	218915	25.58	ng	96
46) 2-Chloronaphthalene	9.29	162	171405	27.82	ng	93
47) 2-Nitroaniline	9.38	65	42142	25.09	ng	92
48) Acenaphthylene	9.70	152	276110	28.30	ng	100
49) Dimethylphthalate	9.56	163	187213	24.71	ng	# 91
50) 2,6-Dinitrotoluene	9.63	165	41284	25.82	ng	95
51) Acenaphthene	9.87	154	159103	27.42	ng	98
52) 3-Nitroaniline	9.80	138	41867	24.65	ng	# 64
53) 2,4-Dinitrophenol	9.92	184	8465	15.06	ng	93
54) Dibenzofuran	10.04	168	217528	25.05	ng	92
55) 4-Nitrophenol	9.98	139	21197	21.24	ng	96
56) 2,4-Dinitrotoluene	10.03	165	56511	28.11	ng	97
57) Fluorene	10.38	166	188441	27.39	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	36014	25.04	ng	94
59) Diethylphthalate	10.26	149	195514	26.26	ng	97
60) 4-Chlorophenyl-phenylether	10.37	204	81764	25.93	ng	# 86
61) 4-Nitroaniline	10.41	138	42738	24.60	ng	94
62) Azobenzene	10.53	77	163733	24.91	ng	90
64) 4,6-Dinitro-2-methylphenol	10.44	198	23616	23.66	ng	82
65) n-Nitrosodiphenylamine	10.50	169	158614	25.15	ng	99
66) 4-Bromophenyl-phenylether	10.86	248	53264	27.20	ng	# 85
67) Hexachlorobenzene	10.93	284	53676	25.11	ng	# 84
68) Atrazine	11.02	200	51155	26.83	ng	99
69) Pentachlorophenol	11.14	266	13009	19.52	ng	98
70) Phenanthrene	11.34	178	276457	28.65	ng	100
71) Anthracene	11.39	178	253791	25.89	ng	99
72) Carbazole	11.55	167	236216	25.78	ng	99
73) Di-n-butylphthalate	11.88	149	296305	26.04	ng	# 98
74) Fluoranthene	12.53	202	292150	30.53	ng	94
76) Benzidine	12.65	184	120233	27.58	ng	98
77) Pyrene	12.76	202	274159	33.05	ng	98
79) Butylbenzylphthalate	13.37	149	108456	28.43	ng	87
80) Benzo(a)anthracene	13.95	228	200692	28.47	ng	100
81) 3,3'-Dichlorobenzidine	13.91	252	64295	24.25	ng	# 95
82) Chrysene	13.99	228	189491	28.95	ng	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	149104	28.18	ng	# 96
84) Di-n-octyl phthalate	14.55	149	211514	26.00	ng	100
85) Indeno(1,2,3-cd)pyrene	16.76	276	176697	32.64	ng	99
87) Benzo(b)fluoranthene	14.97	252	197834m	31.81	ng	
88) Benzo(k)fluoranthene	15.00	252	109284m	18.48	ng	
89) Benzo(a)pyrene	15.32	252	146857	25.49	ng	99
90) Dibenzo(a,h)anthracene	16.76	278	145351	30.45	ng	99
91) Benzo(g,h,i)perylene	17.19	276	146843	30.42	ng	97

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

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