

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110615\
 Data File : BF082746.D
 Acq On : 6 Nov 2015 2:06
 Operator : UM/IZ
 Sample : G4282-02MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OCFEW1-10MSD

Quant Time: Nov 06 03:51:02 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	169419	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	652881	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	307213	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	564314	20.00	ng	-0.02
75) Chrysene-d12	14.03	240	351631	20.00	ng	-0.02
86) Perylene-d12	15.46	264	379042	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1528782	135.91	ng	0.01
7) Phenol-d6	6.51	99	1945590	130.19	ng	0.00
23) Nitrobenzene-d5	7.44	82	1356208	84.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	454616	135.22	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	1776140	82.09	ng	-0.02
78) Terphenyl-d14	12.98	244	1649209	102.64	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	176752	33.99	ng	96
3) Pyridine	3.23	79	553820	36.32	ng	96
4) n-Nitrosodimethylamine	3.18	42	272762	31.78	ng	92
6) Aniline	6.53	93	447574	21.51	ng	96
8) 2-Chlorophenol	6.66	128	537893	44.20	ng	100
9) Benzaldehyde	6.41	77	58630m	5.75	ng	
10) Phenol	6.52	94	835082	49.32	ng	97
11) bis(2-Chloroethyl)ether	6.60	93	477217	38.20	ng	95
12) 1,3-Dichlorobenzene	6.81	146	560046m	40.35	ng	
13) 1,4-Dichlorobenzene	6.89	146	603982	43.88	ng	92
14) 1,2-Dichlorobenzene	7.04	146	498228	39.00	ng	94
15) Benzyl Alcohol	7.01	79	589403	42.30	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.15	45	756210	38.09	ng	97
17) 2-Methylphenol	7.13	107	449099	43.40	ng	98
18) Hexachloroethane	7.38	117	198554	36.96	ng	92
19) n-Nitroso-di-n-propylamine	7.29	70	404677	35.72	ng	90
20) 3+4-Methylphenols	7.28	107	568086	42.24	ng	# 83
22) Acetophenone	7.28	105	774993	40.32	ng	# 87
24) Nitrobenzene	7.45	77	575707	35.62	ng	# 88
25) Isophorone	7.70	82	1139123	38.73	ng	# 94
26) 2-Nitrophenol	7.77	139	248733	42.13	ng	# 82
27) 2,4-Dimethylphenol	7.81	122	508972	44.17	ng	96
28) bis(2-Chloroethoxy)methane	7.90	93	629261	39.11	ng	# 98
29) 2,4-Dichlorophenol	8.02	162	451289	42.96	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	513312	44.03	ng	97
31) Naphthalene	8.18	128	1538377	43.55	ng	100
32) Benzoic acid	7.88	122	42472	5.08	ng	86
33) 4-Chloroaniline	8.22	127	178360	11.83	ng	# 83
34) Hexachlorobutadiene	8.30	225	320787	43.27	ng	99
35) Caprolactam	8.59	113	138870m	43.09	ng	
36) 4-Chloro-3-methylphenol	8.72	107	547316	44.25	ng	# 86
37) 2-Methylnaphthalene	8.86	142	930326	40.63	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	454050	44.29	ng	98
40) Hexachlorocyclopentadiene	9.02	237	213577	33.14	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	370986	50.12	nq	100
43) 2,4,5-Trichlorophenol	9.20	196	332367	45.06	nq #	80
45) 1,1'-Biphenyl	9.33	154	1141738	44.00	nq	97
46) 2-Chloronaphthalene	9.36	162	914166	45.11	nq	96
47) 2-Nitroaniline	9.45	65	358719	45.54	nq #	87
48) Acenaphthylene	9.77	152	1342201	41.41	nq	99
49) Dimethylphthalate	9.64	163	1698235	67.69	nq #	98
50) 2,6-Dinitrotoluene	9.70	165	242945	46.72	nq #	52
51) Acenaphthene	9.94	154	816186	39.67	nq	98
52) 3-Nitroaniline	9.86	138	199822	34.54	nq #	76
53) 2,4-Dinitrophenol	9.96	184	35716	18.51	nq #	16
54) Dibenzofuran	10.11	168	1210406	43.35	nq	97
55) 4-Nitrophenol	10.02	139	298230	68.51	nq #	83
56) 2,4-Dinitrotoluene	10.10	165	370649	52.71	nq #	66
57) Fluorene	10.45	166	908281	40.33	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	275348	44.17	nq #	86
59) Diethylphthalate	10.34	149	1220345	47.78	nq	99
60) 4-Chlorophenyl-phenylether	10.45	204	528207	48.26	nq	99
61) 4-Nitroaniline	10.48	138	244391	44.26	nq #	69
62) Azobenzene	10.61	77	1298254	45.07	nq	97
64) 4,6-Dinitro-2-methylphenol	10.50	198	60923	17.90	nq #	65
65) n-Nitrosodiphenylamine	10.57	169	880617	45.40	nq	100
66) 4-Bromophenyl-phenylether	10.94	248	297784	46.56	nq	96
67) Hexachlorobenzene	11.01	284	321582	45.35	nq #	56
68) Atrazine	11.09	200	287396	45.28	nq	98
69) Pentachlorophenol	11.20	266	299399	64.03	nq	99
70) Phenanthrene	11.41	178	1284494	40.36	nq	99
71) Anthracene	11.47	178	1504353	46.94	nq	99
72) Carbazole	11.62	167	1310893	46.96	nq	99
73) Di-n-butylphthalate	11.96	149	1803583	50.76	nq #	98
74) Fluoranthene	12.60	202	1355132	41.65	nq	97
76) Benzidine	12.72	184	574940	36.25	nq	99
77) Pyrene	12.83	202	1338984	51.42	nq	98
79) Butylbenzylphthalate	13.45	149	567597	49.77	nq	93
80) Benzo(a)anthracene	14.02	228	1000303	44.78	nq	97
81) 3,3'-Dichlorobenzidine	13.97	252	287657	37.37	nq	99
82) Chrysene	14.05	228	994826	49.14	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	871505	58.95	nq #	98
84) Di-n-octyl phthalate	14.63	149	1242136	53.86	nq	98
85) Indeno(1,2,3-cd)pyrene	16.85	276	915155	54.78	nq	100
87) Benzo(b)fluoranthene	15.05	252	959359	36.71	nq	99
88) Benzo(k)fluoranthene	15.07	252	859592m	43.17	nq	
89) Benzo(a)pyrene	15.40	252	901530	43.80	nq #	98
90) Dibenzo(a,h)anthracene	16.88	278	786056	40.93	nq	100
91) Benzo(g,h,i)perylene	17.28	276	692773	37.22	nq	99

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

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