

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
 Data File : BF084386.D
 Acq On : 11 Jan 2016 18:16
 Operator : SJ/UM
 Sample : H1058-02MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONTAMINATED-DRUM(1-2)COMP

Quant Time: Jan 12 03:36:57 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	237122	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1000106	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	429238	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	721502	20.00	ng	-0.05
75) Chrysene-d12	14.02	240	468348	20.00	ng	-0.05
86) Perylene-d12	15.45	264	412245	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1570353	107.12	ng	-0.01
7) Phenol-d6	6.51	99	1977490	107.40	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1481480	82.44	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	573233	132.28	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	2432598	100.88	ng	-0.05
78) Terphenyl-d14	12.97	244	1858170	88.56	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	234534	33.77	ng	# 67
3) Pyridine	3.34	79	409816	21.17	ng	# 76
4) n-Nitrosodimethylamine	3.26	42	374433	37.67	ng	# 81
6) Aniline	6.52	93	169536	6.29	ng	# 1
8) 2-Chlorophenol	6.65	128	735386	44.21	ng	92
9) Benzaldehyde	6.40	77	158369	13.21	ng	93
10) Phenol	6.52	94	847133	40.47	ng	94
11) bis(2-Chloroethyl)ether	6.60	93	730324	45.04	ng	92
12) 1,3-Dichlorobenzene	6.80	146	739528m	43.10	ng	
13) 1,4-Dichlorobenzene	6.88	146	766368	44.54	ng	93
14) 1,2-Dichlorobenzene	7.02	146	655168	39.76	ng	96
15) Benzyl Alcohol	7.00	79	627856	40.54	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1131346	38.31	ng	94
17) 2-Methylphenol	7.13	107	597815	42.88	ng	# 91
18) Hexachloroethane	7.37	117	284966	41.42	ng	98
19) n-Nitroso-di-n-propylamine	7.28	70	495003	39.72	ng	# 72
20) 3+4-Methylphenols	7.28	107	711808	43.44	ng	# 62
22) Acetophenone	7.26	105	1061119	44.12	ng	97
24) Nitrobenzene	7.45	77	838802	46.02	ng	89
25) Isophorone	7.69	82	1467846	42.71	ng	96
26) 2-Nitrophenol	7.76	139	363774	43.86	ng	# 80
27) 2,4-Dimethylphenol	7.80	122	675581	40.24	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	850082	40.49	ng	99
29) 2,4-Dichlorophenol	8.01	162	615385	44.00	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	664075	45.99	ng	# 95
31) Naphthalene	8.17	128	2218982	48.90	ng	99
32) Benzoic acid	7.94	122	362229	35.42	ng	91
33) 4-Chloroaniline	8.22	127	113524	5.46	ng	94
34) Hexachlorobutadiene	8.28	225	348895	42.04	ng	96
35) Caprolactam	8.60	113	160020m	33.94	ng	
36) 4-Chloro-3-methylphenol	8.72	107	721914	46.08	ng	99
37) 2-Methylnaphthalene	8.85	142	1368232	42.01	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	618607	50.13	ng	99
40) Hexachlorocyclopentadiene	9.01	237	318651	42.78	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	414125	44.86	ng	96
43) 2,4,5-Trichlorophenol	9.18	196	415843	46.99	ng #	82
45) 1,1'-Biphenyl	9.32	154	1630020	47.78	ng	99
46) 2-Chloronaphthalene	9.34	162	1189656	44.40	ng	96
47) 2-Nitroaniline	9.45	65	472783	53.46	ng	93
48) Acenaphthylene	9.77	152	1923909	48.60	ng	99
49) Dimethylphthalate	9.63	163	1546168	50.39	ng #	90
50) 2,6-Dinitrotoluene	9.69	165	320092	47.56	ng #	52
51) Acenaphthene	9.93	154	1321178	49.75	ng	98
52) 3-Nitroaniline	9.86	138	157592	18.90	ng #	73
53) 2,4-Dinitrophenol	9.96	184	179611	63.42	ng #	89
54) Dibenzofuran	10.11	168	1780338	52.24	ng	99
55) 4-Nitrophenol	10.04	139	465672	76.93	ng	86
56) 2,4-Dinitrotoluene	10.09	165	414685	48.68	ng #	79
57) Fluorene	10.45	166	1301293	49.15	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	342799	45.37	ng	94
59) Diethylphthalate	10.33	149	1481147	48.95	ng	99
60) 4-Chlorophenyl-phenylether	10.44	204	644473	60.08	ng	98
61) 4-Nitroaniline	10.48	138	322036	43.32	ng	89
62) Azobenzene	10.60	77	1627600	49.05	ng	94
64) 4,6-Dinitro-2-methylphenol	10.50	198	143859	32.90	ng	95
65) n-Nitrosodiphenylamine	10.57	169	1180731	51.18	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	422929	54.46	ng	96
67) Hexachlorobenzene	10.99	284	389352	44.55	ng #	79
68) Atrazine	11.09	200	396662	52.54	ng	98
69) Pentachlorophenol	11.20	266	407198	89.85	ng	99
70) Phenanthrene	11.41	178	1875806	49.70	ng	98
71) Anthracene	11.46	178	1759196	47.55	ng	97
72) Carbazole	11.62	167	1663658	46.00	ng	98
73) Di-n-butylphthalate	11.95	149	2225950	64.26	ng #	96
74) Fluoranthene	12.59	202	1529227	38.79	ng	98
76) Benzidine	12.72	184	233034	13.88	ng	97
77) Pyrene	12.82	202	1495082	40.68	ng	98
79) Butylbenzylphthalate	13.45	149	815176	51.26	ng #	88
80) Benzo(a)anthracene	14.01	228	1168557	42.49	ng	98
81) 3,3'-Dichlorobenzidine	13.97	252	269007	28.03	ng #	97
82) Chrysene	14.04	228	1032696	39.08	ng	100
83) Bis(2-ethylhexyl)phthalate	14.01	149	1004919	50.01	ng #	95
84) Di-n-octyl phthalate	14.61	149	1563082	46.08	ng #	85
85) Indeno(1,2,3-cd)pyrene	16.84	276	1022781	48.83	ng	100
87) Benzo(b)fluoranthene	15.04	252	1101450m	40.84	ng	
88) Benzo(k)fluoranthene	15.07	252	1164768m	52.81	ng	
89) Benzo(a)pyrene	15.39	252	1080214	47.23	ng	99
90) Dibenzo(a,h)anthracene	16.87	278	849486	43.16	ng #	96
91) Benzo(g,h,i)perylene	17.27	276	824426	40.45	ng	98

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

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