

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033017\
 Data File : BF094074.D
 Acq On : 30 Mar 2017 22:43
 Operator : SJ/MA
 Sample : I2417-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MSD

Quant Time: Mar 31 03:49:18 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.91	152	189858	20.00	ng	-0.04
21) Naphthalene-d8	7.42	136	779156	20.00	ng	-0.04
38) Acenaphthene-d10	9.56	164	358724	20.00	ng	-0.04
63) Phenanthrene-d10	11.39	188	612677	20.00	ng	-0.04
75) Chrysene-d12	14.64	240	422469	20.00	ng	-0.04
86) Perylene-d12	16.27	264	318301	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	1607160	142.98	ng	-0.01
7) Phenol-d6	5.53	99	2099074	150.95	ng	-0.02
23) Nitrobenzene-d5	6.57	82	1345273	98.53	ng	-0.04
41) 2,4,6-Tribromophenol	10.55	330	439166	154.93	ng	-0.03
44) 2-Fluorobiphenyl	8.75	172	2255145	95.89	ng	-0.04
78) Terphenyl-d14	13.37	244	1757848	93.27	ng	-0.04

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.33	88	226011	41.85	ng	96
3) Pyridine	2.83	79	113438	7.71	ng	96
4) n-Nitrosodimethylamine	2.77	42	299504	49.46	ng	90
6) Aniline	5.55	93	304401	15.74	ng	# 1
8) 2-Chlorophenol	5.69	128	654711	52.99	ng	96
9) Benzaldehyde	5.40	77	166580	17.74	ng	99
10) Phenol	5.55	94	781238	49.37	ng	98
11) bis(2-Chloroethyl)ether	5.63	93	643381	52.03	ng	95
12) 1,3-Dichlorobenzene	5.85	146	696389	50.25	ng	99
13) 1,4-Dichlorobenzene	5.93	146	710777	50.64	ng	97
14) 1,2-Dichlorobenzene	6.11	146	652833	50.50	ng	97
15) Benzyl Alcohol	6.09	79	540048	53.06	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.25	45	866399	45.47	ng	93
17) 2-Methylphenol	6.23	107	563470	53.25	ng	# 91
18) Hexachloroethane	6.50	117	248712	50.41	ng	# 86
19) n-Nitroso-di-n-propylamine	6.40	70	471228	52.73	ng	97
20) 3+4-Methylphenols	6.41	107	719618	56.15	ng	# 63
22) Acetophenone	6.39	105	961569	55.37	ng	# 87
24) Nitrobenzene	6.59	77	691964	51.39	ng	91
25) Isophorone	6.88	82	1287474	53.67	ng	94
26) 2-Nitrophenol	6.96	139	393078	61.21	ng	95
27) 2,4-Dimethylphenol	7.03	122	623687	56.37	ng	99
28) bis(2-Chloroethoxy)methane	7.14	93	837062	52.91	ng	100
29) 2,4-Dichlorophenol	7.26	162	595900	57.60	ng	98
30) 1,2,4-Trichlorobenzene	7.35	180	573376	53.81	ng	98
31) Naphthalene	7.45	128	1899595	50.70	ng	99
32) Benzoic acid	7.16	122	133561	18.13	ng	96
33) 4-Chloroaniline	7.51	127	165457	10.90	ng	93
34) Hexachlorobutadiene	7.60	225	286463	52.42	ng	99
35) Caprolactam	7.97	113	174580m	52.92	ng	
36) 4-Chloro-3-methylphenol	8.14	107	634511	58.70	ng	88
37) 2-Methylnaphthalene	8.29	142	1330285	53.27	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.50	216	491033	50.04	ng	99
40) Hexachlorocyclopentadiene	8.49	237	486725	105.99	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	406584	58.56	ng	100
43) 2,4,5-Trichlorophenol	8.70	196	396955	52.84	ng	97
45) 1,1'-Biphenyl	8.86	154	1461598	50.51	ng	97
46) 2-Chloronaphthalene	8.89	162	1166818	51.52	ng	95
47) 2-Nitroaniline	9.02	65	355548	52.92	ng	# 81
48) Acenaphthylene	9.39	152	1798430	47.78	ng	99
49) Dimethylphthalate	9.26	163	1536474	60.25	ng	100
50) 2,6-Dinitrotoluene	9.32	165	316445	54.14	ng	90
51) Acenaphthene	9.60	154	1076122	48.99	ng	99
52) 3-Nitroaniline	9.52	138	160045	23.32	ng	96
53) 2,4-Dinitrophenol	9.66	184	273144	86.89	ng	# 71
54) Dibenzofuran	9.82	168	1530836	51.20	ng	100
55) 4-Nitrophenol	9.77	139	476390	88.62	ng	# 69
56) 2,4-Dinitrotoluene	9.82	165	373453	50.86	ng	# 65
57) Fluorene	10.24	166	1133551	45.72	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.98	232	294606	57.15	ng	97
59) Diethylphthalate	10.13	149	1324089	52.54	ng	99
60) 4-Chlorophenyl-phenylether	10.25	204	500406	47.37	ng	93
61) 4-Nitroaniline	10.29	138	308619	46.85	ng	96
62) Azobenzene	10.44	77	1264519	53.04	ng	97
64) 4,6-Dinitro-2-methylphenol	10.32	198	220833	58.85	ng	# 72
65) n-Nitrosodiphenylamine	10.40	169	1098469	51.84	ng	99
66) 4-Bromophenyl-phenylether	10.85	248	324251	53.81	ng	98
67) Hexachlorobenzene	10.92	284	329538	54.02	ng	# 87
68) Atrazine	11.07	200	329376	51.90	ng	97
69) Pentachlorophenol	11.17	266	338486	89.15	ng	97
70) Phenanthrene	11.42	178	1661080	48.74	ng	100
71) Anthracene	11.49	178	1716204	48.91	ng	98
72) Carbazole	11.69	167	1628493	45.26	ng	99
73) Di-n-butylphthalate	12.13	149	1938045	51.79	ng	100
74) Fluoranthene	12.88	202	1658130	47.51	ng	99
76) Benzidine	13.04	184	37587	2.25	ng	# 91
77) Pyrene	13.16	202	1671412	54.51	ng	100
79) Butylbenzylphthalate	13.97	149	809532	61.97	ng	90
80) Benzo(a)anthracene	14.63	228	1282669	52.07	ng	99
81) 3,3'-Dichlorobenzidine	14.60	252	187036	21.24	ng	# 95
82) Chrysene	14.67	228	1072719	46.92	ng	99
83) Bis(2-ethylhexyl)phthalate	14.69	149	1080369	60.62	ng	# 99
84) Di-n-octyl phthalate	15.44	149	1716964	57.67	ng	97
85) Indeno(1,2,3-cd)pyrene	17.63	276	1014140	51.22	ng	100
87) Benzo(b)fluoranthene	15.86	252	1015536	52.05	ng	98
88) Benzo(k)fluoranthene	15.89	252	961405	50.36	ng	97
89) Benzo(a)pyrene	16.21	252	933117	51.93	ng	99
90) Dibenzo(a,h)anthracene	17.65	278	831902	54.67	ng	98
91) Benzo(g,h,i)perylene	18.03	276	853952	55.69	ng	98

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

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