

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120117\
 Data File : BF101078.D
 Acq On : 1 Dec 2017 21:58
 Operator : SJ/JU
 Sample : I6622-12MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DBWW1B-4-9MSD

Quant Time: Dec 02 00:35:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 15:52:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	49944	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	191158	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	85737	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	138619	20.00	ng	0.00
75) Chrysene-d12	14.02	240	106725	20.00	ng	0.00
86) Perylene-d12	15.49	264	98227	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	410744	135.90	ng	0.02
7) Phenol-d6	6.52	99	495268	134.97	ng	0.04
23) Nitrobenzene-d5	7.42	82	307690	96.02	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	117245	113.84	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	622891	99.40	ng	0.00
78) Terphenyl-d14	12.96	244	459264	94.12	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.67	88	45943	36.760	ng	# 95
3) Pyridine	3.47	79	129140	39.859	ng	# 94
4) n-Nitrosodimethylamine	3.40	42	77937	49.251	ng	# 76
6) Aniline	6.52	93	70721	14.821	ng	# 30
8) 2-Chlorophenol	6.65	128	146863	44.565	ng	# 98
9) Benzaldehyde	6.40	77	65678	29.243	ng	# 96
10) Phenol	6.53	94	185965	45.577	ng	# 89
11) bis(2-Chloroethyl)ether	6.59	93	136484	44.595	ng	# 99
12) 1,3-Dichlorobenzene	6.79	146	167850	43.742	ng	# 99
13) 1,4-Dichlorobenzene	6.87	146	170495	42.915	ng	# 96
14) 1,2-Dichlorobenzene	7.02	146	155453	41.950	ng	# 97
15) Benzyl Alcohol	7.02	79	124173	43.813	ng	# 99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	213661	51.359	ng	# 18
17) 2-Methylphenol	7.12	107	120216	45.176	ng	# 90
18) Hexachloroethane	7.36	117	48145	37.720	ng	# 97
19) n-Nitroso-di-n-propylamine	7.27	70	105080	42.520	ng	# 95
20) 3+4-Methylphenols	7.28	107	161226	46.457	ng	# 92
22) Acetophenone	7.26	105	205119	44.415	ng	# 99
24) Nitrobenzene	7.44	77	148356	47.237	ng	# 95
25) Isophorone	7.68	82	272399	49.766	ng	# 98
26) 2-Nitrophenol	7.75	139	73851	42.835	ng	# 94
27) 2,4-Dimethylphenol	7.79	122	133344	53.466	ng	# 99
28) bis(2-Chloroethoxy)methane	7.88	93	174104	47.326	ng	# 97
29) 2,4-Dichlorophenol	8.00	162	131649	48.494	ng	# 97
30) 1,2,4-Trichlorobenzene	8.07	180	137283	45.989	ng	# 97
31) Naphthalene	8.16	128	424688	45.078	ng	# 99
32) Benzoic acid	7.87	122	9439	4.866	ng	# 96
33) 4-Chloroaniline	8.20	127	57942	15.306	ng	# 97
34) Hexachlorobutadiene	8.26	225	80008	43.700	ng	# 99
35) Caprolactam	8.58	113	33974	40.157	ng	# 99
36) 4-Chloro-3-methylphenol	8.69	107	129465	46.039	ng	# 99
37) 2-Methylnaphthalene	8.85	142	292627	45.712	ng	# 100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	132914	42.674	ng	# 96
40) Hexachlorocyclopentadiene	8.99	237	20164	24.119	ng	# 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	88817	48.645	nq	100
43) 2,4,5-Trichlorophenol	9.17	196	90845	46.540	nq	96
45) 1,1'-Biphenyl	9.31	154	335637	42.728	nq	97
46) 2-Chloronaphthalene	9.34	162	265699	47.628	nq	94
47) 2-Nitroaniline	9.43	65	78034	47.279	nq	99
48) Acenaphthylene	9.75	152	397245	43.330	nq	99
49) Dimethylphthalate	9.61	163	360775	52.177	nq	99
50) 2,6-Dinitrotoluene	9.67	165	68012	46.700	nq	97
51) Acenaphthene	9.92	154	231027	42.084	nq	98
52) 3-Nitroaniline	9.85	138	58087	35.467	nq	93
53) 2,4-Dinitrophenol	9.96	184	1723	6.989	nq #	15
54) Dibenzofuran	10.09	168	346585	43.810	nq	100
55) 4-Nitrophenol	10.02	139	85660	77.555	nq	92
56) 2,4-Dinitrotoluene	10.08	165	84363	43.224	nq	95
57) Fluorene	10.44	166	267664	41.621	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	63961	40.925	nq #	85
59) Diethylphthalate	10.31	149	306466	44.936	nq	97
60) 4-Chlorophenyl-phenylether	10.43	204	135131	42.557	nq	92
61) 4-Nitroaniline	10.46	138	61508	36.179	nq	90
62) Azobenzene	10.59	77	244942	42.320	nq	95
64) 4,6-Dinitro-2-methylphenol	10.49	198	4889	5.258	nq	93
65) n-Nitrosodiphenylamine	10.54	169	251511	51.430	nq	96
66) 4-Bromophenyl-phenylether	10.92	248	79287	51.100	nq	89
67) Hexachlorobenzene	10.99	284	79955	48.081	nq #	89
68) Atrazine	11.07	200	77439	51.623	nq	97
69) Pentachlorophenol	11.18	266	58241	63.697	nq	96
70) Phenanthrene	11.40	178	349467	45.780	nq	97
71) Anthracene	11.45	178	352726	45.655	nq	99
72) Carbazole	11.61	167	303703	43.024	nq	98
73) Di-n-butylphthalate	11.93	149	422594	47.762	nq	99
74) Fluoranthene	12.59	202	322085	38.063	nq	94
76) Benzidine	12.71	184	188903	54.431	nq	97
77) Pyrene	12.82	202	324033	44.000	nq	98
79) Butylbenzylphthalate	13.43	149	138051	42.518	nq	94
80) Benzo(a)anthracene	14.01	228	302436	44.882	nq	97
81) 3,3'-Dichlorobenzidine	13.97	252	103585	44.387	nq #	97
82) Chrysene	14.04	228	285375	45.601	nq	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	195015	42.124	nq	100
84) Di-n-octyl phthalate	14.60	149	336902	43.707	nq	98
85) Indeno(1,2,3-cd)pyrene	16.97	276	219462	39.445	nq #	92
87) Benzo(b)fluoranthene	15.06	252	277106	47.099	nq	98
88) Benzo(k)fluoranthene	15.09	252	263072	45.384	nq #	95
89) Benzo(a)pyrene	15.43	252	251708	47.058	nq	99
90) Dibenzo(a,h)anthracene	16.98	278	188955	40.071	nq #	94
91) Benzo(g,h,i)perylene	17.42	276	172045	38.714	nq #	93

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

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