

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
 Data File : BF110068.D
 Acq On : 23 Oct 2018 00:50
 Operator : JU/SJ
 Sample : PB114045BSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 23 04:52:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	173607	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	699828	20.00	ng	-0.02
39) Acenaphthene-d10	10.02	164	312334	20.00	ng	-0.01
64) Phenanthrene-d10	11.50	188	505750	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	318700	20.00	ng	-0.01
87) Perylene-d12	15.67	264	254968	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	613785	56.04	ng	0.00
7) Phenol-d6	6.59	99	772917	56.83	ng	-0.02
23) Nitrobenzene-d5	7.53	82	691486	66.56	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	160455	59.34	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1286721	65.74	ng	-0.01
79) Terphenyl-d14	13.09	244	988173	65.11	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.92	88	117776	18.934	ng	92
3) Pyridine	3.67	79	329705	23.774	ng	87
4) n-Nitrosodimethylamine	3.63	42	158440	28.006	ng	96
6) Aniline	6.63	93	325891	17.782	ng	# 53
8) 2-Chlorophenol	6.75	128	358081	29.188	ng	97
9) Benzaldehyde	6.52	77	201346	22.782	ng	98
10) Phenol	6.60	94	419820	28.592	ng	# 61
11) bis(2-Chloroethyl)ether	6.70	93	325056	26.477	ng	92
12) 1,3-Dichlorobenzene	6.91	146	367823	27.343	ng	97
13) 1,4-Dichlorobenzene	6.99	146	371930	27.453	ng	98
14) 1,2-Dichlorobenzene	7.14	146	347474	27.852	ng	100
15) Benzyl Alcohol	7.10	79	297191	28.405	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.24	45	536809	26.640	ng	68
17) 2-Methylphenol	7.21	107	284058	28.714	ng	# 81
18) Hexachloroethane	7.48	117	127328	26.595	ng	96
19) n-Nitroso-di-n-propylamine	7.37	70	234546	26.860	ng	96
20) 3+4-Methylphenols	7.36	107	358783	28.580	ng	93
22) Acetophenone	7.37	105	470610	28.997	ng	# 97
24) Nitrobenzene	7.55	77	353280	31.303	ng	95
25) Isophorone	7.79	82	642926	31.496	ng	95
26) 2-Nitrophenol	7.87	139	163409	34.922	ng	89
27) 2,4-Dimethylphenol	7.89	122	322306	32.780	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	416228	29.711	ng	99
29) 2,4-Dichlorophenol	8.10	162	283519	29.725	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	301992	28.277	ng	98
31) Naphthalene	8.27	128	993819	30.968	ng	100
32) Benzoic acid	7.98	122	113627	18.548	ng	96
33) 4-Chloroaniline	8.32	127	218249	15.129	ng	95
34) Hexachlorobutadiene	8.39	225	167947	28.518	ng	100
35) Caprolactam	8.68	113	99968m	29.511	ng	
36) 4-Chloro-3-methylphenol	8.79	107	296733	29.490	ng	98
37) 2-Methylnaphthalene	8.97	142	678718	32.662	ng	97
38) 1-Methylnaphthalene	9.07	142	632864	31.429	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	290198	30.165	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	177466	38.220	nq	98
43) 2,4,6-Trichlorophenol	9.24	196	186408	30.988	nq	97
44) 2,4,5-Trichlorophenol	9.28	196	196085	31.407	nq	95
46) 1,1'-Biphenyl	9.43	154	816323	29.335	nq	99
47) 2-Chloronaphthalene	9.46	162	608848	29.703	nq	99
48) 2-Nitroaniline	9.55	65	189313	35.989	nq	96
49) Acenaphthylene	9.87	152	937203	31.473	nq	98
50) Dimethylphthalate	9.73	163	721246	32.612	nq	99
51) 2,6-Dinitrotoluene	9.79	165	150689	35.873	nq	90
52) Acenaphthene	10.05	154	585337	30.875	nq	96
53) 3-Nitroaniline	9.96	138	132560	25.943	nq	90
54) 2,4-Dinitrophenol	10.06	184	30466	29.141	nq	97
55) Dibenzofuran	10.22	168	814965	30.143	nq	95
56) 4-Nitrophenol	10.12	139	299681	76.863	nq	97
57) 2,4-Dinitrotoluene	10.20	165	189983	36.968	nq	# 80
58) Fluorene	10.56	166	623516	31.680	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.33	232	152720	30.865	nq	98
60) Diethylphthalate	10.43	149	689883	31.583	nq	98
61) 4-Chlorophenyl-phenylether	10.55	204	305186	29.768	nq	99
62) 4-Nitroaniline	10.57	138	140162	28.977	nq	91
63) Azobenzene	10.71	77	644604	28.248	nq	98
65) 4,6-Dinitro-2-methylphenol	10.60	198	28871	21.067	nq	97
66) n-Nitrosodiphenylamine	10.67	169	558527	33.158	nq	97
67) 4-Bromophenyl-phenylether	11.05	248	180267	32.889	nq	98
68) Hexachlorobenzene	11.11	284	177774	30.416	nq	96
69) Atrazine	11.19	200	178925	34.005	nq	99
70) Pentachlorophenol	11.30	266	142923	42.968	nq	96
71) Phenanthrene	11.53	178	834388	31.868	nq	100
72) Anthracene	11.58	178	867296	32.948	nq	99
73) Carbazole	11.73	167	723824	27.979	nq	99
74) Di-n-butylphthalate	12.05	149	967631	33.515	nq	99
75) Fluoranthene	12.72	202	763553	29.192	nq	98
77) Benzidine	12.84	184	436878	35.753	nq	98
78) Pyrene	12.95	202	744994	31.827	nq	99
80) Butylbenzylphthalate	13.56	149	341367	36.072	nq	95
81) Benzo(a)anthracene	14.14	228	590516	31.457	nq	99
82) 3,3'-Dichlorobenzidine	14.10	252	177301	26.941	nq	94
83) Chrysene	14.17	228	560489	31.368	nq	99
84) Bis(2-ethylhexyl)phthalate	14.11	149	461588	37.069	nq	96
85) Di-n-octyl phthalate	14.73	149	700884	39.923	nq	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	429500	29.854	nq	# 95
88) Benzo(b)fluoranthene	15.22	252	464972	31.632	nq	98
89) Benzo(k)fluoranthene	15.24	252	472767	32.630	nq	# 98
90) Benzo(a)pyrene	15.60	252	432182	31.968	nq	97
91) Dibenzo(a,h)anthracene	17.24	278	365032	30.467	nq	98
92) Benzo(g,h,i)perylene	17.70	276	342408	28.286	nq	# 95

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

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