

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
 Data File : BF098066.D
 Acq On : 28 Aug 2017 14:03
 Operator : SJ/JU
 Sample : I4961-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-COMPMSD

Quant Time: Aug 29 10:24:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	107431	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	421730	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	186036	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	343532	20.00	ng	0.00
75) Chrysene-d12	13.90	240	227042	20.00	ng	0.00
86) Perylene-d12	15.32	264	224138	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	926140	131.13	ng	0.00
7) Phenol-d6	6.39	99	1273340	132.69	ng	0.00
23) Nitrobenzene-d5	7.32	82	778856	100.33	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	224640	139.17	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1112302	87.84	ng	0.00
78) Terphenyl-d14	12.85	244	835758	76.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	139930	35.525	ng	89
3) Pyridine	3.16	79	335131	30.777	ng	88
4) n-Nitrosodimethylamine	3.12	42	165681	39.543	ng	# 76
6) Aniline	6.41	93	231456	17.169	ng	# 87
8) 2-Chlorophenol	6.53	128	319832	42.939	ng	99
9) Benzaldehyde	6.29	77	166722	27.429	ng	92
10) Phenol	6.40	94	465878	41.509	ng	98
11) bis(2-Chloroethyl)ether	6.49	93	361337	42.656	ng	95
12) 1,3-Dichlorobenzene	6.69	146	318894	39.802	ng	# 93
13) 1,4-Dichlorobenzene	6.76	146	324154	39.781	ng	94
14) 1,2-Dichlorobenzene	6.92	146	300328	39.972	ng	99
15) Benzyl Alcohol	6.89	79	314236	43.737	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	449205	39.413	ng	87
17) 2-Methylphenol	7.01	107	286132	43.591	ng	95
18) Hexachloroethane	7.26	117	128501	40.223	ng	# 83
19) n-Nitroso-di-n-propylamine	7.16	70	253903	38.650	ng	89
20) 3+4-Methylphenols	7.16	107	345445	43.088	ng	93
22) Acetophenone	7.16	105	467733	41.983	ng	# 89
24) Nitrobenzene	7.33	77	404202	46.762	ng	96
25) Isophorone	7.57	82	703605	43.587	ng	96
26) 2-Nitrophenol	7.65	139	161060	51.055	ng	# 76
27) 2,4-Dimethylphenol	7.69	122	277592	41.233	ng	95
28) bis(2-Chloroethoxy)methane	7.78	93	445201	41.950	ng	98
29) 2,4-Dichlorophenol	7.89	162	248655	44.495	ng	94
30) 1,2,4-Trichlorobenzene	7.97	180	254846	41.137	ng	99
31) Naphthalene	8.05	128	916187	41.846	ng	100
32) Benzoic acid	7.76	122	4615m	7.220	ng	
33) 4-Chloroaniline	8.10	127	131102	14.198	ng	98
34) Hexachlorobutadiene	8.17	225	143443	39.657	ng	99
35) Caprolactam	8.47	113	72281m	38.046	ng	
36) 4-Chloro-3-methylphenol	8.59	107	307964	42.891	ng	# 80
37) 2-Methylnaphthalene	8.74	142	592536	44.143	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	236671	41.453	ng	# 97
40) Hexachlorocyclopentadiene	8.89	237	177427	64.687	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	166361	43.401	nq	99
43) 2,4,5-Trichlorophenol	9.07	196	177827	46.763	nq	96
45) 1,1'-Biphenyl	9.20	154	687879	40.548	nq	95
46) 2-Chloronaphthalene	9.23	162	515404	41.118	nq	94
47) 2-Nitroaniline	9.33	65	209158	49.774	nq	94
48) Acenaphthylene	9.65	152	839700	42.659	nq	99
49) Dimethylphthalate	9.51	163	701475	51.584	nq	100
50) 2,6-Dinitrotoluene	9.57	165	132223	48.711	nq	# 73
51) Acenaphthene	9.82	154	496166	39.967	nq	99
52) 3-Nitroaniline	9.74	138	104742	29.908	nq	93
53) 2,4-Dinitrophenol	9.85	184	30836	30.996	nq	# 73
54) Dibenzofuran	9.99	168	745583	44.811	nq	99
55) 4-Nitrophenol	9.91	139	233472	83.571	nq	# 43
56) 2,4-Dinitrotoluene	9.97	165	170766	50.129	nq	# 48
57) Fluorene	10.33	166	561095	43.618	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.11	232	139521	47.388	nq	95
59) Diethylphthalate	10.21	149	595511	41.876	nq	99
60) 4-Chlorophenyl-phenylether	10.32	204	252635	42.274	nq	88
61) 4-Nitroaniline	10.35	138	140668	42.261	nq	75
62) Azobenzene	10.48	77	735702	43.553	nq	93
64) 4,6-Dinitro-2-methylphenol	10.39	198	41724	29.627	nq	# 76
65) n-Nitrosodiphenylamine	10.45	169	507200	43.357	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	154672	43.357	nq	98
67) Hexachlorobenzene	10.88	284	148996	40.977	nq	# 91
68) Atrazine	10.97	200	145744	46.978	nq	99
69) Pentachlorophenol	11.07	266	145914	68.826	nq	98
70) Phenanthrene	11.29	178	866911	47.357	nq	99
71) Anthracene	11.35	178	826188	44.498	nq	99
72) Carbazole	11.50	167	744602	42.249	nq	98
73) Di-n-butylphthalate	11.83	149	898950	44.282	nq	99
74) Fluoranthene	12.48	202	967758	50.649	nq	98
76) Benzidine	12.60	184	71511	9.606	nq	# 93
77) Pyrene	12.71	202	1154674	62.181	nq	99
79) Butylbenzylphthalate	13.32	149	327383	45.984	nq	# 68
80) Benzo(a)anthracene	13.89	228	755237	55.501	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	151768	33.052	nq	98
82) Chrysene	13.93	228	728830	53.842	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	391289	49.598	nq	99
84) Di-n-octyl phthalate	14.49	149	667601	48.634	nq	99
85) Indeno(1,2,3-cd)pyrene	16.72	276	565853	56.825	nq	94
87) Benzo(b)fluoranthene	14.92	252	738414	52.266	nq	98
88) Benzo(k)fluoranthene	14.95	252	604100m	45.512	nq	
89) Benzo(a)pyrene	15.27	252	708224	56.625	nq	99
90) Dibenzo(a,h)anthracene	16.73	278	421726	41.417	nq	98
91) Benzo(g,h,i)perylene	17.14	276	471193	44.350	nq	# 91

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

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