

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099819.D
 Acq On : 25 Oct 2017 17:57
 Operator : SJ/JU
 Sample : PB103597BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103597BS

Quant Time: Oct 26 02:47:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 25 17:02:52 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	74381	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	304537	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	136880	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	236515	20.00	ng	0.00
75) Chrysene-d12	13.99	240	162906	20.00	ng	0.00
86) Perylene-d12	15.46	264	150245	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	463375	97.80	ng	0.01
7) Phenol-d6	6.44	99	535875	95.39	ng	0.00
23) Nitrobenzene-d5	7.36	82	303254	64.11	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	117826	94.46	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	643819	72.57	ng	0.00
78) Terphenyl-d14	12.92	244	547377	73.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	54508	26.053	ng	93
3) Pyridine	3.35	79	130993	26.036	ng	87
4) n-Nitrosodimethylamine	3.28	42	51763	28.799	ng	80
6) Aniline	6.46	93	115439	15.848	ng	# 91
8) 2-Chlorophenol	6.59	128	161894	32.062	ng	92
9) Benzaldehyde	6.35	77	89143	26.555	ng	92
10) Phenol	6.45	94	191152	30.992	ng	93
11) bis(2-Chloroethyl)ether	6.53	93	143251	30.076	ng	92
12) 1,3-Dichlorobenzene	6.73	146	174066	30.702	ng	96
13) 1,4-Dichlorobenzene	6.81	146	179070	31.120	ng	97
14) 1,2-Dichlorobenzene	6.96	146	166549	31.758	ng	97
15) Benzyl Alcohol	6.95	79	114440	32.033	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	188249	35.580	ng	73
17) 2-Methylphenol	7.06	107	130493	30.895	ng	97
18) Hexachloroethane	7.30	117	55290	28.801	ng	98
19) n-Nitroso-di-n-propylamine	7.20	70	101848	30.937	ng	93
20) 3+4-Methylphenols	7.21	107	167218	34.001	ng	# 56
22) Acetophenone	7.21	105	213402	30.776	ng	# 97
24) Nitrobenzene	7.38	77	149353	31.336	ng	96
25) Isophorone	7.62	82	279474	32.560	ng	99
26) 2-Nitrophenol	7.70	139	84746	31.044	ng	# 88
27) 2,4-Dimethylphenol	7.73	122	143546	35.689	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	187884	31.255	ng	99
29) 2,4-Dichlorophenol	7.95	162	137013	32.791	ng	95
30) 1,2,4-Trichlorobenzene	8.02	180	140142	31.391	ng	97
31) Naphthalene	8.10	128	454452	30.915	ng	99
32) Benzoic acid	7.87	122	68080	19.230	ng	91
33) 4-Chloroaniline	8.16	127	67419	11.107	ng	# 93
34) Hexachlorobutadiene	8.21	225	68575	29.863	ng	98
35) Caprolactam	8.53	113	41664	31.708	ng	# 76
36) 4-Chloro-3-methylphenol	8.65	107	134739	31.594	ng	90
37) 2-Methylnaphthalene	8.79	142	317596	32.239	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	129094	29.201	ng	# 97
40) Hexachlorocyclopentadiene	8.94	237	5447	17.129	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	87731	32.807	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	92321	32.533	nq	# 94
45) 1,1'-Biphenyl	9.26	154	371317	29.987	nq	97
46) 2-Chloronaphthalene	9.29	162	283898	31.569	nq	95
47) 2-Nitroaniline	9.39	65	72649	30.780	nq	86
48) Acenaphthylene	9.70	152	429657	31.020	nq	98
49) Dimethylphthalate	9.56	163	338229	31.203	nq	100
50) 2,6-Dinitrotoluene	9.63	165	72728	31.915	nq	# 81
51) Acenaphthene	9.87	154	251985	29.774	nq	99
52) 3-Nitroaniline	9.80	138	52582	19.583	nq	94
53) 2,4-Dinitrophenol	9.93	184	10399	16.487	nq	# 86
54) Dibenzofuran	10.05	168	376396	31.507	nq	98
55) 4-Nitrophenol	9.99	139	85586	61.005	nq	82
56) 2,4-Dinitrotoluene	10.05	165	88929	32.405	nq	# 96
57) Fluorene	10.39	166	307314	31.069	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	63301	31.815	nq	95
59) Diethylphthalate	10.26	149	321794	30.399	nq	97
60) 4-Chlorophenyl-phenylether	10.38	204	141232	30.339	nq	92
61) 4-Nitroaniline	10.43	138	64348	25.119	nq	84
62) Azobenzene	10.54	77	272913	30.756	nq	91
64) 4,6-Dinitro-2-methylphenol	10.46	198	12309	8.279	nq	85
65) n-Nitrosodiphenylamine	10.50	169	267748	30.667	nq	99
66) 4-Bromophenyl-phenylether	10.87	248	80945	32.509	nq	92
67) Hexachlorobenzene	10.94	284	80091	31.441	nq	97
68) Atrazine	11.03	200	83212	31.729	nq	99
69) Pentachlorophenol	11.15	266	59701	54.848	nq	97
70) Phenanthrene	11.36	178	426547	31.957	nq	98
71) Anthracene	11.41	178	439702	32.454	nq	99
72) Carbazole	11.57	167	400981	31.472	nq	99
73) Di-n-butylphthalate	11.89	149	517683	31.856	nq	99
74) Fluoranthene	12.55	202	424133	30.576	nq	97
76) Benzidine	12.67	184	245088	34.382	nq	97
77) Pyrene	12.78	202	424151	34.241	nq	98
79) Butylbenzylphthalate	13.39	149	207507	34.018	nq	93
80) Benzo(a)anthracene	13.97	228	323666	31.341	nq	98
81) 3,3'-Dichlorobenzidine	13.93	252	104678	27.924	nq	98
82) Chrysene	14.01	228	310243	31.955	nq	98
83) Bis(2-ethylhexyl)phthalate	13.94	149	290097	33.866	nq	99
84) Di-n-octyl phthalate	14.56	149	453966	30.877	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.94	276	260130	29.186	nq	96
87) Benzo(b)fluoranthene	15.03	252	295598	31.157	nq	98
88) Benzo(k)fluoranthene	15.06	252	288205	32.215	nq	97
89) Benzo(a)pyrene	15.39	252	280122	32.870	nq	# 97
90) Dibenzo(a,h)anthracene	16.94	278	221489	29.249	nq	98
91) Benzo(g,h,i)perylene	17.38	276	208032	28.080	nq	97

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

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