

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
 Data File : BF105044.D
 Acq On : 2 May 2018 21:10
 Operator : JU/SJ
 Sample : PB108763BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108763BS

Quant Time: May 03 04:27:02 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	81448	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	336964	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	153548	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	259981	20.00	ng	0.00
75) Chrysene-d12	14.02	240	197604	20.00	ng	-0.02
86) Perylene-d12	15.56	264	161062	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	601042	112.84	ng	0.00
7) Phenol-d6	6.43	99	720692	110.12	ng	0.00
23) Nitrobenzene-d5	7.36	82	437843	84.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	178197	111.88	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	844277	86.86	ng	0.00
78) Terphenyl-d14	12.91	244	759339	87.61	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.54	88	81830	32.969	ng	86
3) Pyridine	3.28	79	226045	32.392	ng	# 84
4) n-Nitrosodimethylamine	3.24	42	85330	34.980	ng	# 78
6) Aniline	6.46	93	107527	11.825	ng	# 87
8) 2-Chlorophenol	6.58	128	238875	42.488	ng	89
9) Benzaldehyde	6.34	77	71350	17.727	ng	97
10) Phenol	6.45	94	273852	39.436	ng	95
11) bis(2-Chloroethyl)ether	6.53	93	211511	38.168	ng	94
12) 1,3-Dichlorobenzene	6.73	146	247317	38.830	ng	99
13) 1,4-Dichlorobenzene	6.80	146	253928	39.994	ng	100
14) 1,2-Dichlorobenzene	6.96	146	237392	40.348	ng	99
15) Benzyl Alcohol	6.94	79	182805	36.775	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	236962	31.841	ng	56
17) 2-Methylphenol	7.05	107	190219	38.923	ng	93
18) Hexachloroethane	7.29	117	80324	35.483	ng	98
19) n-Nitroso-di-n-propylamine	7.20	70	148798	34.792	ng	92
20) 3+4-Methylphenols	7.21	107	244803	40.389	ng	# 88
22) Acetophenone	7.20	105	314371	37.895	ng	# 97
24) Nitrobenzene	7.38	77	233723	41.023	ng	93
25) Isophorone	7.62	82	417282	38.239	ng	99
26) 2-Nitrophenol	7.69	139	121011	52.173	ng	94
27) 2,4-Dimethylphenol	7.73	122	205455	42.661	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	271502	40.693	ng	98
29) 2,4-Dichlorophenol	7.94	162	195417	42.527	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	203662	40.385	ng	99
31) Naphthalene	8.10	128	664472	39.601	ng	100
32) Benzoic acid	7.87	122	96155	25.023	ng	93
33) 4-Chloroaniline	8.15	127	54943	7.643	ng	95
34) Hexachlorobutadiene	8.20	225	111791	40.471	ng	98
35) Caprolactam	8.53	113	63336	39.510	ng	# 68
36) 4-Chloro-3-methylphenol	8.65	107	206934	41.998	ng	97
37) 2-Methylnaphthalene	8.79	142	442547	40.775	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	194067	44.152	ng	98
40) Hexachlorocyclopentadiene	8.93	237	25161	10.225	ng	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	127545	41.801	nq	98
43) 2,4,5-Trichlorophenol	9.12	196	135166	39.587	nq	92
45) 1,1'-Biphenyl	9.25	154	520608	40.360	nq	99
46) 2-Chloronaphthalene	9.28	162	413712	40.605	nq	99
47) 2-Nitroaniline	9.39	65	119543	47.444	nq	86
48) Acenaphthylene	9.69	152	606221	37.923	nq	100
49) Dimethylphthalate	9.55	163	493774	40.779	nq	99
50) 2,6-Dinitrotoluene	9.63	165	105671	47.163	nq	# 82
51) Acenaphthene	9.86	154	359983	36.908	nq	99
52) 3-Nitroaniline	9.79	138	43184	16.464	nq	98
53) 2,4-Dinitrophenol	9.92	184	30021	42.696	nq	# 20
54) Dibenzofuran	10.04	168	531370	39.093	nq	98
55) 4-Nitrophenol	9.97	139	132836	64.469	nq	93
56) 2,4-Dinitrotoluene	10.03	165	128355	43.674	nq	# 94
57) Fluorene	10.38	166	434400	43.907	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.16	232	101882	39.996	nq	93
59) Diethylphthalate	10.25	149	478191	39.654	nq	99
60) 4-Chlorophenyl-phenylether	10.37	204	203073	46.089	nq	99
61) 4-Nitroaniline	10.41	138	93722	36.543	nq	98
62) Azobenzene	10.53	77	415759	36.086	nq	93
64) 4,6-Dinitro-2-methylphenol	10.45	198	26602	25.141	nq	# 77
65) n-Nitrosodiphenylamine	10.49	169	382309	42.412	nq	100
66) 4-Bromophenyl-phenylether	10.86	248	119940	43.372	nq	91
67) Hexachlorobenzene	10.93	284	129427	41.595	nq	# 89
68) Atrazine	11.02	200	124888	45.899	nq	99
69) Pentachlorophenol	11.13	266	103471	53.751	nq	97
70) Phenanthrene	11.35	178	581477	40.162	nq	98
71) Anthracene	11.40	178	600998	40.836	nq	99
72) Carbazole	11.56	167	552236	38.400	nq	99
73) Di-n-butylphthalate	11.88	149	708835	40.349	nq	98
74) Fluoranthene	12.54	202	574268	37.963	nq	98
76) Benzidine	12.67	184	299109	46.782	nq	97
77) Pyrene	12.77	202	576291	39.345	nq	99
79) Butylbenzylphthalate	13.39	149	282768	40.978	nq	98
80) Benzo(a)anthracene	14.00	228	519685	44.022	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	164284	37.324	nq	99
82) Chrysene	14.04	228	494170	40.754	nq	98
83) Bis(2-ethylhexyl)phthalate	13.98	149	394679	44.467	nq	99
84) Di-n-octyl phthalate	14.66	149	665163	44.851	nq	# 93
85) Indeno(1,2,3-cd)pyrene	17.05	276	370528	35.972	nq	96
87) Benzo(b)fluoranthene	15.13	252	427298	42.006	nq	98
88) Benzo(k)fluoranthene	15.16	252	431939	44.977	nq	99
89) Benzo(a)pyrene	15.50	252	394756	43.371	nq	100
90) Dibenzo(a,h)anthracene	17.06	278	313984	42.003	nq	97
91) Benzo(g,h,i)perylene	17.50	276	301942	41.691	nq	94

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

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