

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104942.D
 Acq On : 30 Apr 2018 19:27
 Operator : JU/SJ
 Sample : J2613-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-018-AMSD

Quant Time: May 01 04:36:07 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	116480	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	474456	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	210907	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	352630	20.00	ng	0.00
75) Chrysene-d12	13.97	240	219183	20.00	ng	0.00
86) Perylene-d12	15.43	264	198018	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	725852	95.28	ng	0.01
7) Phenol-d6	6.44	99	884775	94.53	ng	0.00
23) Nitrobenzene-d5	7.36	82	548339	75.47	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	209699	95.85	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	977071	73.19	ng	0.00
78) Terphenyl-d14	12.91	244	767774	79.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	88681	24.984	ng	87
3) Pyridine	3.29	79	236219	23.670	ng	85
4) n-Nitrosodimethylamine	3.25	42	102508	29.384	ng	# 77
6) Aniline	6.46	93	226995	17.456	ng	# 63
8) 2-Chlorophenol	6.58	128	270913	33.694	ng	93
9) Benzaldehyde	6.34	77	101371	17.584	ng	98
10) Phenol	6.45	94	330273	33.257	ng	84
11) bis(2-Chloroethyl)ether	6.53	93	248787	31.392	ng	94
12) 1,3-Dichlorobenzene	6.73	146	283258	31.097	ng	99
13) 1,4-Dichlorobenzene	6.81	146	288171	31.737	ng	99
14) 1,2-Dichlorobenzene	6.96	146	268934	31.961	ng	98
15) Benzyl Alcohol	6.94	79	212240	29.855	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	282543	26.547	ng	76
17) 2-Methylphenol	7.06	107	220359	31.529	ng	# 93
18) Hexachloroethane	7.30	117	97695	30.177	ng	99
19) n-Nitroso-di-n-propylamine	7.21	70	170609	27.894	ng	91
20) 3+4-Methylphenols	7.21	107	275035	31.730	ng	# 78
22) Acetophenone	7.20	105	359355	30.764	ng	99
24) Nitrobenzene	7.38	77	267242	33.313	ng	95
25) Isophorone	7.62	82	482764	31.420	ng	99
26) 2-Nitrophenol	7.69	139	139266	42.643	ng	97
27) 2,4-Dimethylphenol	7.73	122	233610	34.450	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	311787	33.189	ng	99
29) 2,4-Dichlorophenol	7.94	162	223098	34.481	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	229069	32.260	ng	99
31) Naphthalene	8.10	128	750606	31.771	ng	100
32) Benzoic acid	7.83	122	41309	7.635	ng	98
33) 4-Chloroaniline	8.15	127	135641	13.401	ng	96
34) Hexachlorobutadiene	8.21	225	124344	31.970	ng	99
35) Caprolactam	8.52	113	68295	30.258	ng	# 76
36) 4-Chloro-3-methylphenol	8.65	107	230191	33.180	ng	98
37) 2-Methylnaphthalene	8.79	142	495481	32.422	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	214381	35.509	ng	99
40) Hexachlorocyclopentadiene	8.93	237	53692	15.886	ng	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	144158	34.397	ng	98
43) 2,4,5-Trichlorophenol	9.12	196	152962	32.615	ng	96
45) 1,1'-Biphenyl	9.25	154	590811	33.346	ng	99
46) 2-Chloronaphthalene	9.28	162	461433	32.972	ng	99
47) 2-Nitroaniline	9.38	65	134644	38.904	ng	98
48) Acenaphthylene	9.70	152	675225	30.752	ng	99
49) Dimethylphthalate	9.55	163	631175	37.950	ng	100
50) 2,6-Dinitrotoluene	9.63	165	119862	38.948	ng	# 84
51) Acenaphthene	9.87	154	396411	29.590	ng	99
52) 3-Nitroaniline	9.80	138	97394	27.033	ng	90
53) 2,4-Dinitrophenol	9.91	184	12657	18.752	ng	# 25
54) Dibenzofuran	10.04	168	590376	31.622	ng	97
55) 4-Nitrophenol	9.97	139	149207	52.721	ng	97
56) 2,4-Dinitrotoluene	10.03	165	141235	34.987	ng	# 96
57) Fluorene	10.39	166	471860	34.723	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	109831	31.390	ng	94
59) Diethylphthalate	10.25	149	523854	31.626	ng	99
60) 4-Chlorophenyl-phenylether	10.37	204	220173	36.380	ng	95
61) 4-Nitroaniline	10.41	138	113675	32.269	ng	95
62) Azobenzene	10.53	77	460345	29.090	ng	94
64) 4,6-Dinitro-2-methylphenol	10.45	198	17655	16.054	ng	# 74
65) n-Nitrosodiphenylamine	10.49	169	419974	34.349	ng	100
66) 4-Bromophenyl-phenylether	10.86	248	131092	34.950	ng	93
67) Hexachlorobenzene	10.93	284	142862	33.850	ng	# 87
68) Atrazine	11.02	200	130302	35.307	ng	99
69) Pentachlorophenol	11.13	266	96871	37.101	ng	97
70) Phenanthrene	11.35	178	640539	32.618	ng	99
71) Anthracene	11.40	178	653898	32.757	ng	99
72) Carbazole	11.56	167	568080	29.123	ng	100
73) Di-n-butylphthalate	11.88	149	766448	32.166	ng	98
74) Fluoranthene	12.54	202	593765	28.939	ng	97
76) Benzidine	12.66	184	237663	29.530	ng	98
77) Pyrene	12.77	202	579731	35.683	ng	99
79) Butylbenzylphthalate	13.38	149	273631	35.750	ng	95
80) Benzo(a)anthracene	13.96	228	463501	35.397	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	147000	30.109	ng	98
82) Chrysene	14.00	228	432187	32.133	ng	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	378001	38.395	ng	99
84) Di-n-octyl phthalate	14.55	149	592137	35.996	ng	# 93
85) Indeno(1,2,3-cd)pyrene	16.90	276	373396	32.681	ng	95
87) Benzo(b)fluoranthene	15.01	252	409835	32.770	ng	99
88) Benzo(k)fluoranthene	15.04	252	393902	33.361	ng	97
89) Benzo(a)pyrene	15.37	252	376465	33.642	ng	99
90) Dibenzo(a,h)anthracene	16.90	278	312709	34.025	ng	97
91) Benzo(g,h,i)perylene	17.33	276	299929	33.685	ng	95

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

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