

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
 Data File : BF102485.D
 Acq On : 26 Jan 2018 22:43
 Operator : SJ/JU
 Sample : J1253-11MS 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-06(5-16)MS

Quant Time: Jan 27 01:09:33 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 26 16:18:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	163571	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	658928	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	260657	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	377190	20.00	ng	0.00
75) Chrysene-d12	13.89	240	273608	20.00	ng	0.01
86) Perylene-d12	15.33	264	190116	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	699994	64.89	ng	0.01
7) Phenol-d6	6.37	99	825171	63.45	ng	0.00
23) Nitrobenzene-d5	7.29	82	448859	39.15	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	112959	43.74	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	871969	49.19	ng	0.00
78) Terphenyl-d14	12.83	244	603962	49.76	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.37	88	80204	15.648	ng	95
3) Pyridine	3.09	79	232490	17.357	ng	94
4) n-Nitrosodimethylamine	3.04	42	109615	20.874	ng	95
6) Aniline	6.39	93	313920	18.249	ng	# 69
8) 2-Chlorophenol	6.51	128	238508	21.091	ng	98
9) Benzaldehyde	6.27	77	121647	13.825	ng	99
10) Phenol	6.38	94	310957	21.901	ng	# 63
11) bis(2-Chloroethyl)ether	6.46	93	229844	21.284	ng	97
12) 1,3-Dichlorobenzene	6.66	146	252680	18.788	ng	98
13) 1,4-Dichlorobenzene	6.74	146	259165	19.237	ng	97
14) 1,2-Dichlorobenzene	6.89	146	241854	19.626	ng	98
15) Benzyl Alcohol	6.87	79	187633	20.447	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	372327	20.557	ng	85
17) 2-Methylphenol	6.99	107	191039	19.452	ng	# 94
18) Hexachloroethane	7.23	117	42267	9.003	ng	97
19) n-Nitroso-di-n-propylamine	7.13	70	167220	21.010	ng	97
20) 3+4-Methylphenols	7.15	107	249633	21.612	ng	95
22) Acetophenone	7.13	105	337385	21.479	ng	# 97
24) Nitrobenzene	7.30	77	208214	17.744	ng	99
25) Isophorone	7.55	82	444017	21.721	ng	100
26) 2-Nitrophenol	7.62	139	21694	3.513	ng	98
27) 2,4-Dimethylphenol	7.67	122	213477	23.805	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	291166	23.058	ng	99
29) 2,4-Dichlorophenol	7.87	162	174979	19.155	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	185172	18.911	ng	96
31) Naphthalene	8.03	128	674049	20.488	ng	99
32) Benzoic acid	7.67	122	213477	28.413	ng	# 13
33) 4-Chloroaniline	8.08	127	260299	18.815	ng	99
34) Hexachlorobutadiene	8.14	225	96952	18.538	ng	98
35) Caprolactam	8.43	113	56825	18.836	ng	98
36) 4-Chloro-3-methylphenol	8.57	107	196027	20.359	ng	99
37) 2-Methylnaphthalene	8.72	142	445680	20.341	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	164467	20.972	ng	99
42) 2,4,6-Trichlorophenol	9.00	196	91692	17.466	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	96126	16.263	nq	99
45) 1,1'-Biphenyl	9.18	154	500033	21.454	nq	99
46) 2-Chloronaphthalene	9.21	162	370717	20.463	nq	96
47) 2-Nitroaniline	9.31	65	102450	18.139	nq	98
48) Acenaphthylene	9.62	152	565365	20.031	nq	99
49) Dimethylphthalate	9.48	163	552535	25.646	nq	99
50) 2,6-Dinitrotoluene	9.55	165	40638	8.749	nq	91
51) Acenaphthene	9.79	154	326804	19.826	nq	98
52) 3-Nitroaniline	9.72	138	105160	19.137	nq	94
54) Dibenzofuran	9.96	168	481939	21.603	nq	96
55) 4-Nitrophenol	9.91	139	58279	16.067	nq	94
56) 2,4-Dinitrotoluene	9.96	165	39773	6.963	nq	# 71
57) Fluorene	10.31	166	366829	20.751	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	66921	15.857	nq	# 99
59) Diethylphthalate	10.17	149	425791	20.337	nq	100
60) 4-Chlorophenyl-phenylether	10.30	204	163016	21.270	nq	98
61) 4-Nitroaniline	10.33	138	106537	19.429	nq	88
62) Azobenzene	10.46	77	362890	18.932	nq	99
65) n-Nitrosodiphenylamine	10.42	169	320053	23.118	nq	100
66) 4-Bromophenyl-phenylether	10.79	248	88465	21.787	nq	96
67) Hexachlorobenzene	10.86	284	82591	18.187	nq	97
68) Atrazine	10.95	200	77092	18.854	nq	97
69) Pentachlorophenol	11.06	266	44307	18.573	nq	99
70) Phenanthrene	11.27	178	572026	26.025	nq	99
71) Anthracene	11.32	178	506725	22.587	nq	98
72) Carbazole	11.48	167	447066	20.426	nq	99
73) Di-n-butylphthalate	11.80	149	587507	21.475	nq	99
74) Fluoranthene	12.46	202	694763	30.997	nq	98
76) Benzidine	12.59	184	235285	25.598	nq	98
77) Pyrene	12.69	202	698252	33.007	nq	100
79) Butylbenzylphthalate	13.30	149	216609	20.575	nq	98
80) Benzo(a)anthracene	13.88	228	504318	29.938	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	126876	20.532	nq	99
82) Chrysene	13.92	228	474953	27.765	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	334430	23.638	nq	99
84) Di-n-octyl phthalate	14.47	149	519018	22.558	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.74	276	258341	18.287	nq	98
87) Benzo(b)fluoranthene	14.92	252	371272	30.130	nq	# 96
88) Benzo(k)fluoranthene	14.94	252	296522	25.470	nq	98
89) Benzo(a)pyrene	15.27	252	312468	28.116	nq	# 97
90) Dibenzo(a,h)anthracene	16.74	278	184226	20.464	nq	# 95
91) Benzo(g,h,i)perylene	17.16	276	221983	24.973	nq	94

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

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