

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
 Data File : BF128091.D
 Acq On : 05 May 2022 13:36
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/06/2022
 Supervised By : mohammad ahmed 05/09/2022

Quant Time: May 05 17:59:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 17:56:23 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	98161	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	355522	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	202975	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	374957	20.000	ng	# 0.00
76) Chrysene-d12	14.092	240	246801	20.000	ng	0.00
86) Perylene-d12	15.586	264	198750	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	507216	82.302	ng	0.00
7) Phenol-d6	6.540	99	666030	83.288	ng	0.00
23) Nitrobenzene-d5	7.481	82	671480	88.815	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	189075	92.535	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1072770	89.413	ng	0.00
79) Terphenyl-d14	13.027	244	1181411	87.531	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	115468	39.269	ng	98
3) Pyridine	3.499	79	316705	42.036	ng	99
4) n-Nitrosodimethylamine	3.469	42	156482	42.909	ng	95
6) Aniline	6.575	93	399742	42.074	ng	98
8) 2-Chlorophenol	6.698	128	264889	41.412	ng	97
9) Benzaldehyde	6.463	77	168878	34.137	ng	93
10) Phenol	6.551	94	343871m	42.636	ng	
11) bis(2-Chloroethyl)ether	6.645	93	269095	40.221	ng	96
12) 1,3-Dichlorobenzene	6.851	146	298781	40.580	ng	98
13) 1,4-Dichlorobenzene	6.928	146	300986	40.955	ng	97
14) 1,2-Dichlorobenzene	7.081	146	280964	41.297	ng	99
15) Benzyl Alcohol	7.051	79	276874	50.914	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.181	45	409154	40.013	ng	98
17) 2-Methylphenol	7.157	107	226886	41.111	ng	97
18) Hexachloroethane	7.422	117	113754	42.102	ng	96
19) n-Nitroso-di-n-propyla...	7.322	70	206602	42.205	ng	97
20) 3+4-Methylphenols	7.316	107	278907	41.835	ng	92
22) Acetophenone	7.322	105	371193	42.837	ng	95
24) Nitrobenzene	7.498	77	315700	43.334	ng	98
25) Isophorone	7.734	82	544511	42.792	ng	99
26) 2-Nitrophenol	7.810	139	142192	45.803	ng	98
27) 2,4-Dimethylphenol	7.840	122	217265	42.135	ng	98
28) bis(2-Chloroethoxy)met...	7.939	93	340271	41.726	ng	100
29) 2,4-Dichlorophenol	8.051	162	231210	42.801	ng	98
30) 1,2,4-Trichlorobenzene	8.134	180	257191	41.913	ng	99
31) Naphthalene	8.216	128	754473	41.667	ng	100
32) Benzoic acid	7.969	122	163064	44.120	ng	94
33) 4-Chloroaniline	8.263	127	300355	41.923	ng	95
34) Hexachlorobutadiene	8.322	225	171118	44.272	ng	98
35) Caprolactam	8.645	113	74222	42.565	ng	91
36) 4-Chloro-3-methylphenol	8.745	107	250256	43.377	ng	99
37) 2-Methylnaphthalene	8.904	142	506056	42.288	ng	100
38) 1-Methylnaphthalene	9.004	142	491612	42.265	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	254170	42.484	ng	100
41) Hexachlorocyclopentadiene	9.051	237	124373	38.370	ng	99
43) 2,4,6-Trichlorophenol	9.186	196	170673	43.356	ng	99

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44) 2,4,5-Trichlorophenol	9.228	196	177071	41.378	ng	94
46) 1,1'-Biphenyl	9.369	154	622819	41.424	ng	99
47) 2-Chloronaphthalene	9.398	162	466440	40.752	ng	98
48) 2-Nitroaniline	9.498	65	173575	44.831	ng	98
49) Acenaphthylene	9.816	152	721432	41.205	ng	100
50) Dimethylphthalate	9.669	163	558861	41.055	ng	100
51) 2,6-Dinitrotoluene	9.739	165	125740	42.663	ng	93
52) Acenaphthene	9.986	154	493662m	41.939	ng	
53) 3-Nitroaniline	9.910	138	136483	41.702	ng	99
54) 2,4-Dinitrophenol	10.016	184	67478	43.474	ng	# 86
55) Dibenzofuran	10.157	168	702016	41.337	ng	99
56) 4-Nitrophenol	10.069	139	93971	37.601	ng	96
57) 2,4-Dinitrotoluene	10.145	165	170603	43.700	ng	98
58) Fluorene	10.504	166	535076	42.224	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.275	232	149838	41.638	ng	100
60) Diethylphthalate	10.369	149	559087	41.884	ng	100
61) 4-Chlorophenyl-phenyle...	10.492	204	271182	43.064	ng	98
62) 4-Nitroaniline	10.528	138	133972	41.871	ng	96
63) Azobenzene	10.651	77	613612	41.776	ng	99
65) 4,6-Dinitro-2-methylph...	10.551	198	105733	47.457	ng	89
66) n-Nitrosodiphenylamine	10.610	169	470422	40.320	ng	99
67) 4-Bromophenyl-phenylether	10.980	248	173408	41.719	ng	98
68) Hexachlorobenzene	11.051	284	186703	42.632	ng	# 89
69) Atrazine	11.139	200	142439	39.482	ng	99
70) Pentachlorophenol	11.245	266	94936	36.849	ng	96
71) Phenanthrene	11.469	178	783840	39.936	ng	100
72) Anthracene	11.522	178	791516	40.483	ng	100
73) Carbazole	11.675	167	748176	39.705	ng	99
74) Di-n-butylphthalate	11.998	149	858378	40.511	ng	99
75) Fluoranthene	12.663	202	838053	40.570	ng	96
77) Benzidine	12.780	184	222153	47.572	ng	99
78) Pyrene	12.892	202	850603	42.695	ng	99
80) Butylbenzylphthalate	13.498	149	345208	44.207	ng	100
81) Benzo(a)anthracene	14.080	228	693004	42.128	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	204878	39.225	ng	99
83) Chrysene	14.116	228	649047	41.313	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	448458	43.306	ng	98
85) Di-n-octyl phthalate	14.668	149	685481	42.714	ng	99
87) Indeno(1,2,3-cd)pyrene	17.121	276	564167	42.527	ng	97
88) Benzo(b)fluoranthene	15.145	252	550628	44.109	ng	99
89) Benzo(k)fluoranthene	15.180	252	499661	39.729	ng	99
90) Benzo(a)pyrene	15.527	252	438866	42.383	ng	# 96
91) Dibenzo(a,h)anthracene	17.145	278	461676	43.393	ng	# 95
92) Benzo(g,h,i)perylene	17.592	276	467716	41.714	ng	98

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

