

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
 Data File : BF128392.D
 Acq On : 23 May 2022 10:30
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/24/2022
 Supervised By : Jagrut Upadhyay 05/24/2022

Quant Time: May 24 01:21:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 05:28:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	116964	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	428610	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	196032	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	365198	20.000	ng	0.00
76) Chrysene-d12	14.045	240	291487	20.000	ng	0.00
86) Perylene-d12	15.533	264	244438	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	588682	80.094	ng	0.00
7) Phenol-d6	6.498	99	762717	78.807	ng	0.00
23) Nitrobenzene-d5	7.434	82	740586	77.418	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	170162	84.169	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	978933	81.664	ng	0.00
79) Terphenyl-d14	12.980	244	1093090	72.392	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	145365	40.376	ng	100
3) Pyridine	3.416	79	387692	41.580	ng	98
4) n-Nitrosodimethylamine	3.393	42	181596	40.940	ng	98
6) Aniline	6.528	93	445566	40.251	ng	95
8) 2-Chlorophenol	6.651	128	301004	40.055	ng	97
9) Benzaldehyde	6.416	77	193605	37.839	ng	96
10) Phenol	6.516	94	409681	39.806	ng	91
11) bis(2-Chloroethyl)ether	6.598	93	313614	40.828	ng	98
12) 1,3-Dichlorobenzene	6.798	146	338699	40.137	ng	97
13) 1,4-Dichlorobenzene	6.875	146	336433	39.289	ng	97
14) 1,2-Dichlorobenzene	7.028	146	308520	38.857	ng	98
15) Benzyl Alcohol	7.010	79	282578	39.440	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.128	45	449416	39.676	ng	70
17) 2-Methylphenol	7.122	107	247022	39.143	ng	# 94
18) Hexachloroethane	7.363	117	124539	39.260	ng	95
19) n-Nitroso-di-n-propyla...	7.275	70	220118	38.028	ng	97
20) 3+4-Methylphenols	7.275	107	294327	38.737	ng	# 74
22) Acetophenone	7.275	105	397476	38.093	ng	# 86
24) Nitrobenzene	7.451	77	354457	39.588	ng	98
25) Isophorone	7.687	82	603491	41.167	ng	99
26) 2-Nitrophenol	7.763	139	159853	41.197	ng	96
27) 2,4-Dimethylphenol	7.798	122	229730	40.664	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	383486	41.389	ng	99
29) 2,4-Dichlorophenol	8.004	162	256237	41.843	ng	98
30) 1,2,4-Trichlorobenzene	8.081	180	277612	39.922	ng	98
31) Naphthalene	8.163	128	842829	40.352	ng	100
32) Benzoic acid	7.945	122	167270	41.583	ng	98
33) 4-Chloroaniline	8.222	127	336264	40.233	ng	98
34) Hexachlorobutadiene	8.269	225	178958	39.735	ng	98
35) Caprolactam	8.610	113	86723m	43.875	ng	
36) 4-Chloro-3-methylphenol	8.704	107	278296	41.937	ng	95
37) 2-Methylnaphthalene	8.857	142	541535	39.541	ng	100
38) 1-Methylnaphthalene	8.957	142	528590	40.125	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	276760	48.417	ng	99
41) Hexachlorocyclopentadiene	8.998	237	73561	40.223	ng	100
43) 2,4,6-Trichlorophenol	9.139	196	176916	49.039	ng	100

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44) 2,4,5-Trichlorophenol	9.187	196	181877	47.394	ng	96
46) 1,1'-Biphenyl	9.322	154	565985	39.956	ng	99
47) 2-Chloronaphthalene	9.351	162	417404	39.726	ng	98
48) 2-Nitroaniline	9.451	65	162337	42.646	ng	93
49) Acenaphthylene	9.763	152	625239	39.768	ng	100
50) Dimethylphthalate	9.622	163	515290	41.265	ng	100
51) 2,6-Dinitrotoluene	9.692	165	114664	41.986	ng	86
52) Acenaphthene	9.934	154	398362	40.349	ng	99
53) 3-Nitroaniline	9.869	138	125470	40.814	ng	96
54) 2,4-Dinitrophenol	9.981	184	51447	37.144	ng	# 81
55) Dibenzofuran	10.110	168	596289	39.837	ng	97
56) 4-Nitrophenol	10.039	139	63815	36.092	ng	92
57) 2,4-Dinitrotoluene	10.104	165	144608	42.027	ng	# 66
58) Fluorene	10.451	166	486909	41.506	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	127318	40.391	ng	98
60) Diethylphthalate	10.322	149	508352	42.247	ng	100
61) 4-Chlorophenyl-phenyle...	10.439	204	239733	41.466	ng	94
62) 4-Nitroaniline	10.492	138	127855m	41.094	ng	
63) Azobenzene	10.604	77	574301	42.594	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	95134	42.385	ng	91
66) n-Nitrosodiphenylamine	10.563	169	420470	39.770	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	154956	40.544	ng	96
68) Hexachlorobenzene	10.998	284	168402	40.525	ng	99
69) Atrazine	11.092	200	140331	40.436	ng	97
70) Pentachlorophenol	11.204	266	57736	34.333	ng	97
71) Phenanthrene	11.422	178	715768	40.161	ng	99
72) Anthracene	11.475	178	727397	41.065	ng	100
73) Carbazole	11.633	167	689837	39.052	ng	99
74) Di-n-butylphthalate	11.945	149	794900	41.196	ng	99
75) Fluoranthene	12.616	202	760567	39.405	ng	96
77) Benzidine	12.733	184	221343	36.510	ng	99
78) Pyrene	12.845	202	785104	35.973	ng	99
80) Butylbenzylphthalate	13.451	149	326383	37.291	ng	99
81) Benzo(a)anthracene	14.033	228	737135	39.748	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	156210	36.911	ng	100
83) Chrysene	14.074	228	705216	39.926	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	471902	40.774	ng	99
85) Di-n-octyl phthalate	14.616	149	740271	39.803	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	511270	36.646	ng	97
88) Benzo(b)fluoranthene	15.098	252	606337	39.876	ng	99
89) Benzo(k)fluoranthene	15.127	252	585940	41.142	ng	99
90) Benzo(a)pyrene	15.468	252	493077	40.395	ng	98
91) Dibenzo(a,h)anthracene	17.057	278	415302	37.098	ng	98
92) Benzo(g,h,i)perylene	17.504	276	433452	37.114	ng	97

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

