

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022123\
 Data File : BF132491.D
 Acq On : 21 Feb 2023 12:13
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/22/2023
 Supervised By : Jagrut Upadhyay 02/22/2023

Quant Time: Feb 22 00:49:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 21 16:43:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.019	152	197000	20.000	ng	0.00
21) Naphthalene-d8	8.307	136	706677	20.000	ng	0.00
39) Acenaphthene-d10	10.072	164	387508	20.000	ng	0.00
64) Phenanthrene-d10	11.572	188	730202	20.000	ng	0.00
76) Chrysene-d12	14.230	240	420703	20.000	ng	0.00
86) Perylene-d12	15.789	264	337150	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.643	112	939463	76.414	ng	0.00
7) Phenol-d6	6.643	99	1228409	76.520	ng	0.00
23) Nitrobenzene-d5	7.590	82	1178476	80.128	ng	0.00
42) 2,4,6-Tribromophenol	10.866	330	333498	86.257	ng	0.00
45) 2-Fluorobiphenyl	9.384	172	1863194	74.252	ng	0.00
79) Terphenyl-d14	13.160	244	2115292	91.570	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.896	88	263020	39.547	ng	97
3) Pyridine	3.672	79	692539	38.361	ng	100
4) n-Nitrosodimethylamine	3.637	42	267200	37.486	ng	90
6) Aniline	6.684	93	875578	39.150	ng	99
8) 2-Chlorophenol	6.807	128	494848	39.427	ng	95
9) Benzaldehyde	6.572	77	302881	35.288	ng	99
10) Phenol	6.660	94	669965	39.380	ng	100
11) bis(2-Chloroethyl)ether	6.754	93	564057	39.087	ng	99
12) 1,3-Dichlorobenzene	6.960	146	528268	38.637	ng	98
13) 1,4-Dichlorobenzene	7.037	146	529926	38.853	ng	98
14) 1,2-Dichlorobenzene	7.195	146	485573	38.859	ng	98
15) Benzyl Alcohol	7.160	79	502302	42.301	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.290	45	775238	38.637	ng	98
17) 2-Methylphenol	7.266	107	471468	39.460	ng	99
18) Hexachloroethane	7.537	117	211913	41.149	ng	98
19) n-Nitroso-di-n-propyla...	7.431	70	389488	39.576	ng	100
20) 3+4-Methylphenols	7.419	107	569856	38.629	ng	91
22) Acetophenone	7.431	105	701593	38.307	ng	99
24) Nitrobenzene	7.607	77	640130	39.698	ng	99
25) Isophorone	7.842	82	1168272	40.425	ng	100
26) 2-Nitrophenol	7.919	139	283360	45.205	ng	100
27) 2,4-Dimethylphenol	7.954	122	464190m	41.015	ng	
28) bis(2-Chloroethoxy)met...	8.048	93	689460	40.824	ng	100
29) 2,4-Dichlorophenol	8.160	162	437434	40.969	ng	99
30) 1,2,4-Trichlorobenzene	8.248	180	475338	40.030	ng	96
31) Naphthalene	8.331	128	1423872	38.825	ng	99
32) Benzoic acid	8.072	122	336563m	42.196	ng	
33) 4-Chloroaniline	8.378	127	642907	42.194	ng	96
34) Hexachlorobutadiene	8.442	225	315802	42.126	ng	98
35) Caprolactam	8.760	113	143109	41.286	ng	97
36) 4-Chloro-3-methylphenol	8.854	107	490090	41.023	ng	97
37) 2-Methylnaphthalene	9.025	142	987105	39.994	ng	97
38) 1-Methylnaphthalene	9.125	142	927955	40.018	ng	99
40) 1,2,4,5-Tetrachloroben...	9.189	216	504385	40.170	ng	100
41) Hexachlorocyclopentadiene	9.172	237	281864	40.870	ng	100
43) 2,4,6-Trichlorophenol	9.301	196	340926	41.217	ng	98

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44) 2,4,5-Trichlorophenol	9.342	196	399884	41.507	ng	99
46) 1,1'-Biphenyl	9.489	154	1152007	38.410	ng	100
47) 2-Chloronaphthalene	9.519	162	918708	39.026	ng	98
48) 2-Nitroaniline	9.613	65	333648	40.395	ng	89
49) Acenaphthylene	9.936	152	1433923	38.338	ng	100
50) Dimethylphthalate	9.789	163	1125436	39.438	ng	99
51) 2,6-Dinitrotoluene	9.854	165	258080	41.586	ng	90
52) Acenaphthene	10.107	154	926281	39.795	ng	100
53) 3-Nitroaniline	10.025	138	280513	39.369	ng	93
54) 2,4-Dinitrophenol	10.131	184	149320	41.393	ng	97
55) Dibenzofuran	10.283	168	1332664	38.589	ng	98
56) 4-Nitrophenol	10.178	139	205561	39.766	ng	94
57) 2,4-Dinitrotoluene	10.260	165	336756	41.222	ng	97
58) Fluorene	10.625	166	1022491	39.161	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.395	232	301886	41.461	ng	98
60) Diethylphthalate	10.489	149	1123955	40.067	ng	99
61) 4-Chlorophenyl-phenyle...	10.613	204	544566	39.828	ng	97
62) 4-Nitroaniline	10.642	138	270578	40.696	ng	98
63) Azobenzene	10.772	77	1195525	38.518	ng	99
65) 4,6-Dinitro-2-methylph...	10.672	198	209018	46.041	ng	98
66) n-Nitrosodiphenylamine	10.730	169	914332	40.797	ng	99
67) 4-Bromophenyl-phenylether	11.107	248	342703	42.822	ng	94
68) Hexachlorobenzene	11.178	284	349908	41.827	ng	97
69) Atrazine	11.254	200	291125	42.202	ng	99
70) Pentachlorophenol	11.372	266	232592	44.720	ng	98
71) Phenanthrene	11.595	178	1481200	39.385	ng	100
72) Anthracene	11.648	178	1505608	38.943	ng	99
73) Carbazole	11.801	167	1338062	38.448	ng	99
74) Di-n-butylphthalate	12.119	149	1698266	40.969	ng	100
75) Fluoranthene	12.789	202	1599706	38.142	ng	99
77) Benzidine	12.907	184	416935	46.541	ng	98
78) Pyrene	13.024	202	1610101	45.052	ng	99
80) Butylbenzylphthalate	13.630	149	649437	48.699	ng	96
81) Benzo(a)anthracene	14.219	228	1251688	40.623	ng	99
82) 3,3'-Dichlorobenzidine	14.177	252	355988	43.254	ng	# 98
83) Chrysene	14.254	228	1170485	39.759	ng	98
84) Bis(2-ethylhexyl)phtha...	14.183	149	764712	44.297	ng	98
85) Di-n-octyl phthalate	14.813	149	1147019	45.757	ng	98
87) Indeno(1,2,3-cd)pyrene	17.407	276	1051509	48.790	ng	98
88) Benzo(b)fluoranthene	15.324	252	902289	40.696	ng	99
89) Benzo(k)fluoranthene	15.354	252	891953	40.201	ng	99
90) Benzo(a)pyrene	15.724	252	847975	41.155	ng	100
91) Dibenzo(a,h)anthracene	17.430	278	858880	48.385	ng	98
92) Benzo(g,h,i)perylene	17.907	276	891233	48.889	ng	99

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

