

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
 Data File : BF128593.D
 Acq On : 31 May 2022 14:05
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/01/2022
 Supervised By : Jagrut Upadhyay 06/01/2022

Quant Time: Jun 01 00:56:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	136776	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	493175	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	273741	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	502774	20.000	ng	0.00
76) Chrysene-d12	14.010	240	333985	20.000	ng	0.00
86) Perylene-d12	15.474	264	257685	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	627732	76.021	ng	0.00
7) Phenol-d6	6.475	99	807204	76.669	ng	0.00
23) Nitrobenzene-d5	7.410	82	807457	94.451	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	250362	96.088	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1486784	88.240	ng	0.00
79) Terphenyl-d14	12.957	244	1548132	89.553	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	126857	34.454	ng	94
3) Pyridine	3.357	79	345012	36.193	ng	94
4) n-Nitrosodimethylamine	3.316	42	206239	41.286	ng	83
6) Aniline	6.504	93	456165	37.130	ng	94
8) 2-Chlorophenol	6.628	128	341130	39.842	ng	97
9) Benzaldehyde	6.393	77	221057	51.988	ng	94
10) Phenol	6.487	94	397335m	38.085	ng	
11) bis(2-Chloroethyl)ether	6.581	93	316457	37.054	ng	99
12) 1,3-Dichlorobenzene	6.781	146	386670	39.748	ng	97
13) 1,4-Dichlorobenzene	6.857	146	391091	39.747	ng	98
14) 1,2-Dichlorobenzene	7.016	146	369732	40.827	ng	99
15) Benzyl Alcohol	6.987	79	324617	40.426	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.122	45	543661	35.969	ng	96
17) 2-Methylphenol	7.098	107	271973	37.321	ng	96
18) Hexachloroethane	7.357	117	148992	42.927	ng	98
19) n-Nitroso-di-n-propyla...	7.263	70	249496	38.649	ng	97
20) 3+4-Methylphenols	7.251	107	343935	39.067	ng	# 78
22) Acetophenone	7.257	105	475710	41.833	ng	# 96
24) Nitrobenzene	7.428	77	373690	44.215	ng	97
25) Isophorone	7.663	82	629924	39.943	ng	96
26) 2-Nitrophenol	7.740	139	178377	50.497	ng	# 89
27) 2,4-Dimethylphenol	7.781	122	273931m	39.014	ng	
28) bis(2-Chloroethoxy)met...	7.875	93	401932	39.270	ng	98
29) 2,4-Dichlorophenol	7.981	162	295463	40.662	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	323771	41.136	ng	98
31) Naphthalene	8.151	128	980321	40.614	ng	99
32) Benzoic acid	7.904	122	218054	43.933	ng	93
33) 4-Chloroaniline	8.192	127	373658	38.879	ng	95
34) Hexachlorobutadiene	8.263	225	226411	45.560	ng	99
35) Caprolactam	8.581	113	87568	39.082	ng	97
36) 4-Chloro-3-methylphenol	8.681	107	321785	43.108	ng	99
37) 2-Methylnaphthalene	8.839	142	625297	41.041	ng	99
38) 1-Methylnaphthalene	8.939	142	601481	40.590	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	332926	44.290	ng	100
41) Hexachlorocyclopentadiene	8.992	237	188780	44.676	ng	97
43) 2,4,6-Trichlorophenol	9.116	196	227331	41.010	ng	98

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44) 2,4,5-Trichlorophenol	9.157	196	242043	42.377	ng	# 94
46) 1,1'-Biphenyl	9.304	154	805209	41.891	ng	98
47) 2-Chloronaphthalene	9.328	162	617088	40.897	ng	98
48) 2-Nitroaniline	9.428	65	214108	51.029	ng	100
49) Acenaphthylene	9.745	152	951731	41.058	ng	99
50) Dimethylphthalate	9.610	163	739679	41.657	ng	99
51) 2,6-Dinitrotoluene	9.669	165	153145	47.060	ng	# 83
52) Acenaphthene	9.916	154	615878	43.063	ng	99
53) 3-Nitroaniline	9.839	138	165749	44.103	ng	99
54) 2,4-Dinitrophenol	9.939	184	80547	51.458	ng	92
55) Dibenzofuran	10.092	168	878250	41.389	ng	96
56) 4-Nitrophenol	9.992	139	123384	40.458	ng	# 72
57) 2,4-Dinitrotoluene	10.069	165	207723	53.354	ng	91
58) Fluorene	10.433	166	663006	43.402	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	199575	43.118	ng	97
60) Diethylphthalate	10.310	149	738287	42.802	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	345280	44.549	ng	97
62) 4-Nitroaniline	10.457	138	164905	45.829	ng	90
63) Azobenzene	10.586	77	731529	41.658	ng	99
65) 4,6-Dinitro-2-methylph...	10.481	198	118126	50.515	ng	97
66) n-Nitrosodiphenylamine	10.545	169	613632	40.766	ng	100
67) 4-Bromophenyl-phenylether	10.916	248	220345	42.418	ng	96
68) Hexachlorobenzene	10.980	284	244860	42.685	ng	# 93
69) Atrazine	11.075	200	196934	42.155	ng	97
70) Pentachlorophenol	11.175	266	144522	41.343	ng	98
71) Phenanthrene	11.398	178	977449	41.040	ng	98
72) Anthracene	11.445	178	976538	41.048	ng	99
73) Carbazole	11.604	167	898199	39.395	ng	99
74) Di-n-butylphthalate	11.933	149	1131823	42.178	ng	99
75) Fluoranthene	12.586	202	1038950	40.802	ng	95
77) Benzidine	12.704	184	297807	38.658	ng	99
78) Pyrene	12.810	202	1043658	41.479	ng	99
80) Butylbenzylphthalate	13.433	149	444704	41.903	ng	96
81) Benzo(a)anthracene	14.004	228	815090	41.060	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	203556	40.045	ng	95
83) Chrysene	14.039	228	793642	39.038	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	571805	44.547	ng	99
85) Di-n-octyl phthalate	14.610	149	883058	39.082	ng	100
87) Indeno(1,2,3-cd)pyrene	16.939	276	639137	42.053	ng	# 93
88) Benzo(b)fluoranthene	15.051	252	640228	39.940	ng	98
89) Benzo(k)fluoranthene	15.080	252	656144	44.179	ng	# 97
90) Benzo(a)pyrene	15.416	252	524063	40.749	ng	# 97
91) Dibenzo(a,h)anthracene	16.962	278	534161	42.388	ng	# 94
92) Benzo(g,h,i)perylene	17.386	276	509116	40.732	ng	# 94

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

