

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
 Data File : BF128980.D
 Acq On : 24 Jun 2022 10:32
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/27/2022
 Supervised By : Jagrut Upadhyay 06/27/2022

Quant Time: Jun 25 06:12:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:50:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	75371	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	273182	20.000	ng	# 0.00
39) Acenaphthene-d10	9.769	164	154184	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	280078	20.000	ng	0.00
76) Chrysene-d12	13.904	240	191466	20.000	ng	# 0.00
86) Perylene-d12	15.339	264	149636	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	556234	117.550	ng	0.00
7) Phenol-d6	6.387	99	693147	120.003	ng	0.00
23) Nitrobenzene-d5	7.298	82	524059	89.316	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	139066	76.336	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	953849	86.660	ng	0.00
79) Terphenyl-d14	12.845	244	1006039	91.302	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.410	88	83284	47.410	ng	# 95
3) Pyridine	3.116	79	301681	64.647	ng	90
4) n-Nitrosodimethylamine	3.087	42	184862	57.125	ng	# 79
6) Aniline	6.393	93	377769	60.642	ng	# 56
8) 2-Chlorophenol	6.522	128	300111	61.983	ng	99
9) Benzaldehyde	6.281	77	230403	65.475	ng	96
10) Phenol	6.398	94	375045	61.426	ng	# 57
11) bis(2-Chloroethyl)ether	6.469	93	281193	62.850	ng	99
12) 1,3-Dichlorobenzene	6.663	146	295391	52.772	ng	97
13) 1,4-Dichlorobenzene	6.740	146	251827	44.546	ng	98
14) 1,2-Dichlorobenzene	6.898	146	234103	44.269	ng	98
15) Benzyl Alcohol	6.881	79	209365	43.322	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.010	45	319709	43.371	ng	57
17) 2-Methylphenol	7.157	107	226074	59.077	ng	# 82
18) Hexachloroethane	7.234	117	93661	44.532	ng	97
19) n-Nitroso-di-n-propyla...	7.151	70	159645	44.453	ng	100
20) 3+4-Methylphenols	7.157	107	226074	44.251	ng	# 83
22) Acetophenone	7.145	105	312206	43.696	ng	95
24) Nitrobenzene	7.316	77	243000	45.111	ng	94
25) Isophorone	7.557	82	390337	43.802	ng	96
26) 2-Nitrophenol	7.634	139	112815	47.533	ng	# 92
27) 2,4-Dimethylphenol	7.681	122	161965	44.799	ng	93
28) bis(2-Chloroethoxy)met...	7.763	93	244067	43.325	ng	99
29) 2,4-Dichlorophenol	7.887	162	182111	43.522	ng	97
30) 1,2,4-Trichlorobenzene	7.951	180	204317	43.365	ng	99
31) Naphthalene	8.034	128	618039	44.083	ng	99
32) Benzoic acid	7.840	122	61233	23.872	ng	# 81
33) 4-Chloroaniline	8.092	127	234610	44.384	ng	100
34) Hexachlorobutadiene	8.145	225	143387	42.912	ng	99
35) Caprolactam	8.475	113	52613m	45.470	ng	
36) 4-Chloro-3-methylphenol	8.592	107	200353	43.874	ng	98
37) 2-Methylnaphthalene	8.728	142	391421	43.894	ng	100
38) 1-Methylnaphthalene	8.822	142	376125	43.656	ng	99
40) 1,2,4,5-Tetrachloroben...	8.892	216	207670	43.369	ng	99
41) Hexachlorocyclopentadiene	8.875	237	110100	38.251	ng	98
43) 2,4,6-Trichlorophenol	9.016	196	123677	38.193	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.063	196	128560	38.417	ng	# 92
46) 1,1'-Biphenyl	9.192	154	494142	42.714	ng	97
47) 2-Chloronaphthalene	9.216	162	388942	44.060	ng	99
48) 2-Nitroaniline	9.322	65	139833	46.323	ng	95
49) Acenaphthylene	9.628	152	575678	42.598	ng	99
50) Dimethylphthalate	9.498	163	456814	43.285	ng	99
51) 2,6-Dinitrotoluene	9.563	165	95122	45.667	ng	# 79
52) Acenaphthene	9.804	154	350110	39.782	ng	100
53) 3-Nitroaniline	9.734	138	105257	46.560	ng	98
54) 2,4-Dinitrophenol	9.851	184	39595	34.128	ng	89
55) Dibenzofuran	9.975	168	532173	42.075	ng	95
56) 4-Nitrophenol	9.928	139	56753m	34.633	ng	
57) 2,4-Dinitrotoluene	9.975	165	126070	45.352	ng	# 79
58) Fluorene	10.316	166	432854	44.129	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.104	232	101806	36.832	ng	96
60) Diethylphthalate	10.192	149	449687	42.395	ng	99
61) 4-Chlorophenyl-phenyle...	10.310	204	219636	43.171	ng	98
62) 4-Nitroaniline	10.357	138	98090	42.854	ng	88
63) Azobenzene	10.469	77	451143	43.204	ng	97
65) 4,6-Dinitro-2-methylph...	10.386	198	75133	45.456	ng	94
66) n-Nitrosodiphenylamine	10.433	169	380798	44.235	ng	99
67) 4-Bromophenyl-phenylether	10.798	248	139346	44.614	ng	98
68) Hexachlorobenzene	10.863	284	156726	45.183	ng	97
69) Atrazine	10.963	200	121907	44.036	ng	95
70) Pentachlorophenol	11.075	266	60103	34.711	ng	97
71) Phenanthrene	11.280	178	629220	44.790	ng	99
72) Anthracene	11.333	178	617658	44.421	ng	99
73) Carbazole	11.492	167	567836	43.969	ng	99
74) Di-n-butylphthalate	11.816	149	687950	43.751	ng	99
75) Fluoranthene	12.469	202	660139	44.955	ng	97
77) Benzidine	12.592	184	193352	50.659	ng	99
78) Pyrene	12.698	202	660449	46.364	ng	98
80) Butylbenzylphthalate	13.316	149	270261	45.178	ng	100
81) Benzo(a)anthracene	13.892	228	530750	44.471	ng	100
82) 3,3'-Dichlorobenzidine	13.851	252	125974	49.337	ng	98
83) Chrysene	13.927	228	508465	44.687	ng	100
84) Bis(2-ethylhexyl)phtha...	13.874	149	353865	45.501	ng	99
85) Di-n-octyl phthalate	14.492	149	515662	44.024	ng	100
87) Indeno(1,2,3-cd)pyrene	16.757	276	417285	46.267	ng	# 92
88) Benzo(b)fluoranthene	14.927	252	406904	42.556	ng	# 96
89) Benzo(k)fluoranthene	14.957	252	397792	44.226	ng	# 96
90) Benzo(a)pyrene	15.280	252	327256	43.547	ng	# 96
91) Dibenzo(a,h)anthracene	16.768	278	350875	46.902	ng	# 96
92) Benzo(g,h,i)perylene	17.186	276	345515	46.601	ng	# 92

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

