

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
 Data File : BF128359.D
 Acq On : 20 May 2022 12:10
 Operator : CG\JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/23/2022
 Supervised By : Jagrut Upadhyay 05/23/2022

Quant Time: May 20 13:14:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 13:10:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	112152	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	442025	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	241773	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	429326	20.000	ng	0.00
76) Chrysene-d12	14.051	240	294741	20.000	ng	0.00
86) Perylene-d12	15.533	264	248179	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	612120	87.007	ng	0.00
7) Phenol-d6	6.498	99	742376	79.780	ng	0.00
23) Nitrobenzene-d5	7.434	82	761632	77.531	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	200217	72.206	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1135076	73.459	ng	0.00
79) Terphenyl-d14	12.980	244	1221166	77.743	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	148447	47.433	ng	99
3) Pyridine	3.422	79	383196	46.153	ng	100
4) n-Nitrosodimethylamine	3.399	42	188926	45.647	ng	97
6) Aniline	6.528	93	432028	41.112	ng	96
8) 2-Chlorophenol	6.651	128	285993	39.912	ng	95
9) Benzaldehyde	6.416	77	191388	35.618	ng	94
10) Phenol	6.510	94	392981	40.048	ng	91
11) bis(2-Chloroethyl)ether	6.598	93	303688	41.324	ng	98
12) 1,3-Dichlorobenzene	6.798	146	319988m	39.675	ng	
13) 1,4-Dichlorobenzene	6.875	146	331478	40.674	ng	96
14) 1,2-Dichlorobenzene	7.028	146	305564	39.788	ng	97
15) Benzyl Alcohol	7.010	79	291615	39.656	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.134	45	449767	41.272	ng	96
17) 2-Methylphenol	7.116	107	246737	40.587	ng	97
18) Hexachloroethane	7.369	117	125551	40.778	ng	99
19) n-Nitroso-di-n-propyla...	7.275	70	222246	38.784	ng	97
20) 3+4-Methylphenols	7.275	107	291801	38.766	ng	# 72
22) Acetophenone	7.275	105	398269	36.184	ng	# 86
24) Nitrobenzene	7.451	77	363436	40.086	ng	98
25) Isophorone	7.686	82	596268	38.716	ng	99
26) 2-Nitrophenol	7.763	139	164733	41.379	ng	97
27) 2,4-Dimethylphenol	7.798	122	229471	37.395	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	369689	37.975	ng	98
29) 2,4-Dichlorophenol	8.004	162	246732	38.246	ng	98
30) 1,2,4-Trichlorobenzene	8.081	180	273867	37.041	ng	97
31) Naphthalene	8.169	128	857705	39.290	ng	99
32) Benzoic acid	7.945	122	172769	37.648	ng	96
33) 4-Chloroaniline	8.222	127	330135	38.095	ng	97
34) Hexachlorobutadiene	8.275	225	181163	36.490	ng	98
35) Caprolactam	8.604	113	79749	37.870	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	263973	36.621	ng	98
37) 2-Methylnaphthalene	8.857	142	561168	38.128	ng	100
38) 1-Methylnaphthalene	8.957	142	539346	38.154	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	285753	40.067	ng	100
41) Hexachlorocyclopentadiene	9.004	237	90356	32.077	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	183694	39.979	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	193213	39.438	ng	98
46) 1,1'-Biphenyl	9.322	154	697087	39.605	ng	100
47) 2-Chloronaphthalene	9.351	162	518520	39.747	ng	99
48) 2-Nitroaniline	9.451	65	190612	40.754	ng	98
49) Acenaphthylene	9.769	152	769381	38.992	ng	99
50) Dimethylphthalate	9.628	163	612825	39.279	ng	99
51) 2,6-Dinitrotoluene	9.692	165	138043	40.334	ng	92
52) Acenaphthene	9.939	154	483595	35.348	ng	99
53) 3-Nitroaniline	9.869	138	154924	41.754	ng	95
54) 2,4-Dinitrophenol	9.980	184	75135	39.683	ng	92
55) Dibenzofuran	10.110	168	721674	37.152	ng	98
56) 4-Nitrophenol	10.033	139	97018	37.421	ng	96
57) 2,4-Dinitrotoluene	10.104	165	173044	37.812	ng	# 77
58) Fluorene	10.457	166	563356	37.234	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	160389	38.308	ng	98
60) Diethylphthalate	10.322	149	586472	37.676	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	281933	37.364	ng	98
62) 4-Nitroaniline	10.486	138	155247	41.273	ng	99
63) Azobenzene	10.604	77	659788	38.707	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	115773	43.087	ng	98
66) n-Nitrosodiphenylamine	10.569	169	502156	40.133	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	182166	39.439	ng	97
68) Hexachlorobenzene	11.004	284	198847	39.355	ng	# 90
69) Atrazine	11.092	200	164295	38.926	ng	96
70) Pentachlorophenol	11.204	266	84576	34.490	ng	97
71) Phenanthrene	11.422	178	831722	38.906	ng	99
72) Anthracene	11.474	178	834857	39.114	ng	100
73) Carbazole	11.633	167	803824	39.605	ng	99
74) Di-n-butylphthalate	11.951	149	885648	37.904	ng	99
75) Fluoranthene	12.616	202	881950	38.053	ng	97
77) Benzidine	12.733	184	282977	44.329	ng	99
78) Pyrene	12.845	202	891048	41.694	ng	100
80) Butylbenzylphthalate	13.451	149	370778	41.732	ng	100
81) Benzo(a)anthracene	14.039	228	761260	40.437	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	159745	37.816	ng	99
83) Chrysene	14.074	228	721142	40.146	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	481033	40.070	ng	98
85) Di-n-octyl phthalate	14.621	149	769284	40.117	ng	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	585114	38.974	ng	98
88) Benzo(b)fluoranthene	15.098	252	613527	39.880	ng	99
89) Benzo(k)fluoranthene	15.127	252	598947	39.440	ng	98
90) Benzo(a)pyrene	15.474	252	498295	40.120	ng	98
91) Dibenzo(a,h)anthracene	17.056	278	474873	39.071	ng	98
92) Benzo(g,h,i)perylene	17.503	276	496409	40.338	ng	98

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

