

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051524\
 Data File : BF137921.D
 Acq On : 15 May 2024 10:28
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024
 Supervised By :mohammad ahmed 05/17/2024

Quant Time: May 15 10:49:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.045	152	139201	20.000	ng	0.00
21) Naphthalene-d8	8.328	136	537412	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	302139	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	527428	20.000	ng	0.00
76) Chrysene-d12	14.227	240	319086	20.000	ng	0.00
86) Perylene-d12	15.786	264	266336	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	644293	78.622	ng	0.00
7) Phenol-d6	6.657	99	789530	78.212	ng	0.00
23) Nitrobenzene-d5	7.604	82	707455	77.471	ng	0.00
42) 2,4,6-Tribromophenol	10.881	330	248441	81.551	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1469197	74.904	ng	0.00
79) Terphenyl-d14	13.169	244	1643864	75.927	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.940	88	141488	39.855	ng	99
3) Pyridine	3.710	79	338615	42.510	ng	99
4) n-Nitrosodimethylamine	3.675	42	140571	40.003	ng	97
6) Aniline	6.704	93	383925	42.521	ng	99
8) 2-Chlorophenol	6.828	128	348958	39.348	ng	100
9) Benzaldehyde	6.598	77	216232	39.592	ng	99
10) Phenol	6.669	94	401552	39.410	ng	99
11) bis(2-Chloroethyl)ether	6.775	93	303801	38.832	ng	99
12) 1,3-Dichlorobenzene	6.987	146	395936	38.587	ng	99
13) 1,4-Dichlorobenzene	7.063	146	401726	39.005	ng	98
14) 1,2-Dichlorobenzene	7.216	146	375682	38.756	ng	99
15) Benzyl Alcohol	7.175	79	280070	41.549	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.310	45	377302	39.234	ng	99
17) 2-Methylphenol	7.281	107	277034	39.171	ng	99
18) Hexachloroethane	7.557	117	135427	38.857	ng	97
19) n-Nitroso-di-n-propyla...	7.445	70	221836	39.115	ng	99
20) 3+4-Methylphenols	7.434	107	364534	39.344	ng	99
22) Acetophenone	7.451	105	467027	38.793	ng	99
24) Nitrobenzene	7.628	77	360724	38.939	ng	99
25) Isophorone	7.857	82	617898	38.987	ng	100
26) 2-Nitrophenol	7.940	139	183713	39.467	ng	99
27) 2,4-Dimethylphenol	7.963	122	236449	39.454	ng	99
28) bis(2-Chloroethoxy)met...	8.063	93	369143	38.430	ng	100
29) 2,4-Dichlorophenol	8.175	162	294141	39.031	ng	99
30) 1,2,4-Trichlorobenzene	8.263	180	325379	38.670	ng	98
31) Naphthalene	8.351	128	1035093	38.307	ng	100
32) Benzoic acid	8.069	122	198887	39.259	ng	97
33) 4-Chloroaniline	8.392	127	359590	40.594	ng	99
34) Hexachlorobutadiene	8.457	225	207031	38.873	ng	99
35) Caprolactam	8.763	113	91615m	41.961	ng	
36) 4-Chloro-3-methylphenol	8.863	107	304222	39.683	ng	100
37) 2-Methylnaphthalene	9.039	142	671313	38.650	ng	98
38) 1-Methylnaphthalene	9.139	142	656072	38.421	ng	100
40) 1,2,4,5-Tetrachloroben...	9.204	216	312318	38.022	ng	100
41) Hexachlorocyclopentadiene	9.187	237	123947	39.712	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	211128	39.202	ng	99

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44) 2,4,5-Trichlorophenol	9.351	196	234550	39.802	ng	99
46) 1,1'-Biphenyl	9.504	154	802841	37.885	ng	100
47) 2-Chloronaphthalene	9.534	162	649006	38.365	ng	100
48) 2-Nitroaniline	9.622	65	173852	40.133	ng	99
49) Acenaphthylene	9.951	152	943805	38.802	ng	100
50) Dimethylphthalate	9.798	163	736110	38.852	ng	99
51) 2,6-Dinitrotoluene	9.863	165	172852	39.750	ng	99
52) Acenaphthene	10.122	154	628404	39.088	ng	99
53) 3-Nitroaniline	10.034	138	175517	41.287	ng	99
54) 2,4-Dinitrophenol	10.133	184	82639	39.081	ng	94
55) Dibenzofuran	10.292	168	905092	38.684	ng	99
56) 4-Nitrophenol	10.181	139	135433	44.357	ng	91
57) 2,4-Dinitrotoluene	10.269	165	235395	41.873	ng	99
58) Fluorene	10.639	166	714741	38.622	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.404	232	186337	40.251	ng	99
60) Diethylphthalate	10.498	149	703651	39.766	ng	100
61) 4-Chlorophenyl-phenyle...	10.628	204	357672	39.191	ng	93
62) 4-Nitroaniline	10.651	138	171049	42.422	ng	99
63) Azobenzene	10.786	77	630427	39.169	ng	100
65) 4,6-Dinitro-2-methylph...	10.675	198	123274	40.479	ng	99
66) n-Nitrosodiphenylamine	10.745	169	604790	37.391	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	219260	37.920	ng	98
68) Hexachlorobenzene	11.186	284	240811	37.677	ng	98
69) Atrazine	11.263	200	173248	39.225	ng	99
70) Pentachlorophenol	11.375	266	157608	42.097	ng	97
71) Phenanthrene	11.604	178	979996	37.705	ng	99
72) Anthracene	11.657	178	995650	38.609	ng	100
73) Carbazole	11.810	167	935168	39.698	ng	100
74) Di-n-butylphthalate	12.127	149	1045019	39.973	ng	100
75) Fluoranthene	12.798	202	1053130	39.919	ng	99
77) Benzidine	12.916	184	255361	61.236	ng	97
78) Pyrene	13.027	202	1073557	38.467	ng	99
80) Butylbenzylphthalate	13.633	149	355349	42.213	ng	99
81) Benzo(a)anthracene	14.216	228	793876	39.325	ng	100
82) 3,3'-Dichlorobenzidine	14.174	252	226539	40.493	ng	99
83) Chrysene	14.257	228	741646	38.414	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	446654	42.209	ng	99
85) Di-n-octyl phthalate	14.816	149	594291	41.572	ng	100
87) Indeno(1,2,3-cd)pyrene	17.415	276	652854	38.153	ng	99
88) Benzo(b)fluoranthene	15.316	252	613137	39.760	ng	99
89) Benzo(k)fluoranthene	15.351	252	595923	39.336	ng	99
90) Benzo(a)pyrene	15.721	252	520201	39.505	ng	100
91) Dibenzo(a,h)anthracene	17.433	278	534994	37.842	ng	98
92) Benzo(g,h,i)perylene	17.909	276	562983	37.907	ng	98

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

