

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011325\
 Data File : BF141134.D
 Acq On : 13 Jan 2025 18:48
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/14/2025
 Supervised By :mohammad ahmed 01/14/2025

Quant Time: Jan 14 08:53:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	150074	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	588479	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	316835	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	526913	20.000	ng	0.00
76) Chrysene-d12	13.986	240	316123	20.000	ng	0.00
86) Perylene-d12	15.445	264	300162	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	750264	77.229	ng	0.00
7) Phenol-d6	6.445	99	954579	77.571	ng	0.00
23) Nitrobenzene-d5	7.381	82	864889	77.907	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	291845	80.841	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1592390	76.748	ng	0.00
79) Terphenyl-d14	12.933	244	1659292	78.014	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.528	88	167766	38.780	ng	98
3) Pyridine	3.269	79	404886	38.165	ng	97
4) n-Nitrosodimethylamine	3.216	42	200685	38.688	ng	99
6) Aniline	6.481	93	425634	38.958	ng	99
8) 2-Chlorophenol	6.604	128	406710	39.021	ng	98
9) Benzaldehyde	6.369	77	288267	39.774	ng	98
10) Phenol	6.457	94	505657	38.386	ng	99
11) bis(2-Chloroethyl)ether	6.557	93	377306	38.434	ng	97
12) 1,3-Dichlorobenzene	6.763	146	455082	39.148	ng	99
13) 1,4-Dichlorobenzene	6.839	146	457705	39.073	ng	100
14) 1,2-Dichlorobenzene	6.992	146	425668	38.956	ng	99
15) Benzyl Alcohol	6.957	79	345954	38.928	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	509629	37.201	ng	98
17) 2-Methylphenol	7.069	107	325913	38.731	ng	100
18) Hexachloroethane	7.334	117	165936	39.171	ng	98
19) n-Nitroso-di-n-propyla...	7.234	70	274358	37.848	ng	99
20) 3+4-Methylphenols	7.222	107	412772	38.882	ng	94
22) Acetophenone	7.228	105	536069	38.319	ng	96
24) Nitrobenzene	7.404	77	442940	38.283	ng	99
25) Isophorone	7.639	82	731443	38.554	ng	99
26) 2-Nitrophenol	7.716	139	213162	40.501	ng	95
27) 2,4-Dimethylphenol	7.751	122	275801	38.850	ng	97
28) bis(2-Chloroethoxy)met...	7.851	93	453273	38.069	ng	100
29) 2,4-Dichlorophenol	7.957	162	332905	39.484	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	377188	39.138	ng	100
31) Naphthalene	8.128	128	1201340	38.711	ng	100
32) Benzoic acid	7.857	122	272846	40.065	ng	99
33) 4-Chloroaniline	8.169	127	413587	38.535	ng	98
34) Hexachlorobutadiene	8.245	225	231623	39.886	ng	99
35) Caprolactam	8.539	113	108553	39.325	ng	99
36) 4-Chloro-3-methylphenol	8.651	107	365875	39.678	ng	99
37) 2-Methylnaphthalene	8.816	142	767181	38.794	ng	100
38) 1-Methylnaphthalene	8.916	142	745775	38.265	ng	100
40) 1,2,4,5-Tetrachloroben...	8.980	216	354120	38.941	ng	99
41) Hexachlorocyclopentadiene	8.969	237	125098	42.047	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	239794	39.098	ng	100

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44) 2,4,5-Trichlorophenol	9.128	196	256052	39.530	ng	98
46) 1,1'-Biphenyl	9.280	154	940772	38.234	ng	99
47) 2-Chloronaphthalene	9.304	162	738229	38.521	ng	100
48) 2-Nitroaniline	9.398	65	222886	39.234	ng	99
49) Acenaphthylene	9.722	152	1050052	38.350	ng	100
50) Dimethylphthalate	9.580	163	828635	38.957	ng	100
51) 2,6-Dinitrotoluene	9.639	165	198340	40.098	ng	94
52) Acenaphthene	9.892	154	750543	39.235	ng	100
53) 3-Nitroaniline	9.810	138	201229	40.034	ng	98
54) 2,4-Dinitrophenol	9.910	184	95579	40.653	ng	# 41
55) Dibenzofuran	10.063	168	1003944	38.584	ng	98
56) 4-Nitrophenol	9.957	139	156991	39.880	ng	93
57) 2,4-Dinitrotoluene	10.045	165	255788	40.127	ng	98
58) Fluorene	10.410	166	780001	38.586	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	216252	40.165	ng	99
60) Diethylphthalate	10.280	149	819340	39.457	ng	100
61) 4-Chlorophenyl-phenyle...	10.398	204	379451	38.514	ng	95
62) 4-Nitroaniline	10.422	138	197107	40.065	ng	97
63) Azobenzene	10.563	77	782054	38.168	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	135172	44.271	ng	99
66) n-Nitrosodiphenylamine	10.516	169	675920	39.771	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	248719	41.000	ng	99
68) Hexachlorobenzene	10.951	284	277648	41.115	ng	98
69) Atrazine	11.045	200	157849	34.494	ng	99
70) Pentachlorophenol	11.145	266	183435	42.416	ng	100
71) Phenanthrene	11.369	178	1124381	39.747	ng	100
72) Anthracene	11.422	178	1116904	40.606	ng	100
73) Carbazole	11.574	167	1018012	40.363	ng	100
74) Di-n-butylphthalate	11.910	149	1201594	41.630	ng	100
75) Fluoranthene	12.557	202	1153617	40.866	ng	99
77) Benzidine	12.680	184	162834m	27.776	ng	
78) Pyrene	12.786	202	1148499	38.038	ng	100
80) Butylbenzylphthalate	13.410	149	412751	41.001	ng	98
81) Benzo(a)anthracene	13.974	228	796494	37.022	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	257404	37.575	ng	99
83) Chrysene	14.010	228	762523	37.879	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	500154	41.408	ng	99
85) Di-n-octyl phthalate	14.592	149	709458	38.896	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	891758	40.552	ng	98
88) Benzo(b)fluoranthene	15.021	252	770768	39.822	ng	100
89) Benzo(k)fluoranthene	15.051	252	631989	38.637	ng	100
90) Benzo(a)pyrene	15.386	252	630296	39.469	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	724997	40.762	ng	98
92) Benzo(g,h,i)perylene	17.345	276	759180	41.036	ng	98

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

