

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141447.D
 Acq On : 05 Feb 2025 15:16
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :mohammad ahmed 02/06/2025

Quant Time: Feb 05 15:51:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	82418	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	312528	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	169230	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	293274	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	189132	20.000	ng	#-0.01
86) Perylene-d12	15.421	264	170936	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	431535	80.382	ng	0.00
7) Phenol-d6	6.434	99	527065	77.175	ng	0.00
23) Nitrobenzene-d5	7.357	82	501910	84.661	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	137575	88.675	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	901907	82.031	ng	-0.01
79) Terphenyl-d14	12.904	244	984126	80.246	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.451	88	86079	36.458	ng	97
3) Pyridine	3.181	79	212209	37.303	ng	94
4) n-Nitrosodimethylamine	3.140	42	142194m	43.755	ng	
6) Aniline	6.451	93	213567	36.942	ng	# 26
8) 2-Chlorophenol	6.581	128	226620	39.384	ng	97
9) Benzaldehyde	6.339	77	175480	44.359	ng	98
10) Phenol	6.445	94	278886	38.522	ng	# 71
11) bis(2-Chloroethyl)ether	6.528	93	206064	37.123	ng	99
12) 1,3-Dichlorobenzene	6.728	146	258314	40.714	ng	98
13) 1,4-Dichlorobenzene	6.810	146	257154	40.346	ng	100
14) 1,2-Dichlorobenzene	6.963	146	243391	40.781	ng	99
15) Benzyl Alcohol	6.934	79	196541	42.111	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.069	45	339918	35.215	ng	86
17) 2-Methylphenol	7.051	107	176306	37.700	ng	# 93
18) Hexachloroethane	7.304	117	96738	41.142	ng	95
19) n-Nitroso-di-n-propyla...	7.204	70	154323	38.029	ng	99
20) 3+4-Methylphenols	7.204	107	229646	39.993	ng	91
22) Acetophenone	7.204	105	309705	41.690	ng	97
24) Nitrobenzene	7.375	77	256448	41.742	ng	98
25) Isophorone	7.610	82	399431	38.977	ng	98
26) 2-Nitrophenol	7.692	139	120266	41.507	ng	95
27) 2,4-Dimethylphenol	7.734	122	143150m	38.815	ng	
28) bis(2-Chloroethoxy)met...	7.822	93	246023	37.637	ng	99
29) 2,4-Dichlorophenol	7.939	162	186722	41.356	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	214815	41.662	ng	99
31) Naphthalene	8.098	128	669352	40.542	ng	99
32) Benzoic acid	7.851	122	142996	42.178	ng	96
33) 4-Chloroaniline	8.145	127	193463	34.556	ng	98
34) Hexachlorobutadiene	8.210	225	132295	43.752	ng	99
35) Caprolactam	8.516	113	58255	39.508	ng	98
36) 4-Chloro-3-methylphenol	8.633	107	202603	41.835	ng	97
37) 2-Methylnaphthalene	8.786	142	423023	40.313	ng	100
38) 1-Methylnaphthalene	8.886	142	413353	40.101	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	196378	40.790	ng	99
41) Hexachlorocyclopentadiene	8.939	237	57315	40.311	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	130083	41.280	ng	100

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44) 2,4,5-Trichlorophenol	9.116	196	140152	40.864	ng	99
46) 1,1'-Biphenyl	9.251	154	521663	39.526	ng	98
47) 2-Chloronaphthalene	9.275	162	408289	39.690	ng	100
48) 2-Nitroaniline	9.375	65	137877	42.611	ng	97
49) Acenaphthylene	9.692	152	582863	40.477	ng	100
50) Dimethylphthalate	9.551	163	462460	40.461	ng	100
51) 2,6-Dinitrotoluene	9.616	165	108549	40.902	ng	96
52) Acenaphthene	9.863	154	424189	41.234	ng	99
53) 3-Nitroaniline	9.786	138	105728	40.648	ng	98
54) 2,4-Dinitrophenol	9.892	184	56897	46.121	ng	90
55) Dibenzofuran	10.033	168	559125	40.604	ng	96
56) 4-Nitrophenol	9.963	139	79433	41.757	ng	91
57) 2,4-Dinitrotoluene	10.022	165	148623	43.255	ng	94
58) Fluorene	10.380	166	445212	41.681	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	116047	43.009	ng	96
60) Diethylphthalate	10.251	149	451800	40.767	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	218833	41.942	ng	96
62) 4-Nitroaniline	10.398	138	112018	43.805	ng	90
63) Azobenzene	10.533	77	442185	39.861	ng	97
65) 4,6-Dinitro-2-methylph...	10.427	198	81693	47.093	ng	94
66) n-Nitrosodiphenylamine	10.492	169	375589	39.596	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	134728	41.034	ng	97
68) Hexachlorobenzene	10.927	284	143713	41.264	ng	99
69) Atrazine	11.016	200	120467	37.984	ng	99
70) Pentachlorophenol	11.122	266	89197	43.736	ng	99
71) Phenanthrene	11.339	178	659727	41.848	ng	100
72) Anthracene	11.392	178	647901	41.945	ng	99
73) Carbazole	11.551	167	589368	43.030	ng	99
74) Di-n-butylphthalate	11.880	149	689234	41.523	ng	99
75) Fluoranthene	12.527	202	704384	45.252	ng	99
77) Benzidine	12.657	184	243520	40.163	ng	99
78) Pyrene	12.757	202	717034	39.495	ng	100
80) Butylbenzylphthalate	13.380	149	258917	40.822	ng	98
81) Benzo(a)anthracene	13.951	228	505330	38.719	ng	100
82) 3,3'-Dichlorobenzidine	13.915	252	157600	37.967	ng	98
83) Chrysene	13.986	228	468237	39.147	ng	100
84) Bis(2-ethylhexyl)phtha...	13.945	149	324105	40.283	ng	100
85) Di-n-octyl phthalate	14.568	149	463778	37.112	ng	99
87) Indeno(1,2,3-cd)pyrene	16.868	276	449874	40.777	ng	95
88) Benzo(b)fluoranthene	15.004	252	448091m	41.674	ng	
89) Benzo(k)fluoranthene	15.033	252	394915	41.460	ng	98
90) Benzo(a)pyrene	15.362	252	378746	41.684	ng	98
91) Dibenzo(a,h)anthracene	16.886	278	358157	40.350	ng	97
92) Benzo(g,h,i)perylene	17.303	276	373186	40.435	ng #	94

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

