

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
 Data File : BF142157.D
 Acq On : 28 Mar 2025 13:38
 Operator : RC/JU
 Sample : Q1642-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAT-1-032525MS

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/31/2025
 Supervised By :Jagrut Upadhyay 03/31/2025

Quant Time: Mar 28 14:11:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	131841	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	535654	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	315756	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	524800	20.000	ng	0.00
76) Chrysene-d12	14.039	240	299750	20.000	ng	0.00
86) Perylene-d12	15.515	264	332592	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	982099	124.323	ng	0.01
7) Phenol-d6	6.504	99	1171517	116.477	ng	0.00
23) Nitrobenzene-d5	7.439	82	886322	93.117	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	627899	156.748	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1961602	94.479	ng	-0.01
79) Terphenyl-d14	12.980	244	2025533	99.905	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.816	88	128971	38.965	ng	# 83
3) Pyridine	3.534	79	313445	38.606	ng	97
4) n-Nitrosodimethylamine	3.469	42	172165	44.484	ng	95
6) Aniline	6.539	93	152677	15.388	ng	94
8) 2-Chlorophenol	6.657	128	463662	52.922	ng	98
9) Benzaldehyde	6.428	77	150944	26.834	ng	97
10) Phenol	6.516	94	471515	44.561	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	399736	50.311	ng	97
12) 1,3-Dichlorobenzene	6.816	146	400768	42.370	ng	99
13) 1,4-Dichlorobenzene	6.892	146	412393	43.091	ng	98
14) 1,2-Dichlorobenzene	7.039	146	409862	45.469	ng	99
15) Benzyl Alcohol	7.016	79	422319	51.938	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	404334	42.153	ng	88
17) 2-Methylphenol	7.128	107	373201	53.574	ng	98
18) Hexachloroethane	7.386	117	149791	41.739	ng	94
19) n-Nitroso-di-n-propyla...	7.286	70	313596	48.523	ng	99
20) 3+4-Methylphenols	7.281	107	469650	52.636	ng	# 80
22) Acetophenone	7.281	105	625343	48.750	ng	95
24) Nitrobenzene	7.457	77	472228	49.906	ng	98
25) Isophorone	7.698	82	903521	53.700	ng	98
26) 2-Nitrophenol	7.769	139	259030	55.776	ng	98
27) 2,4-Dimethylphenol	7.804	122	454080	71.008	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	539349	51.109	ng	99
29) 2,4-Dichlorophenol	8.010	162	438638	55.262	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	437881	50.059	ng	97
31) Naphthalene	8.175	128	1322495	48.063	ng	100
32) Benzoic acid	7.886	122	50309m	8.950	ng	
33) 4-Chloroaniline	8.222	127	66212	6.817	ng	98
34) Hexachlorobutadiene	8.292	225	277001	48.558	ng	99
35) Caprolactam	8.604	113	93762m	38.746	ng	
36) 4-Chloro-3-methylphenol	8.710	107	486894	54.990	ng	97
37) 2-Methylnaphthalene	8.869	142	876601	47.663	ng	100
38) 1-Methylnaphthalene	8.969	142	911647	51.367	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	507925	52.835	ng	98
41) Hexachlorocyclopentadiene	9.022	237	672707	178.801	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	355878	56.643	ng	99

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44) 2,4,5-Trichlorophenol	9.186	196	368896	57.973	ng	99
46) 1,1'-Biphenyl	9.333	154	1261956	52.600	ng	99
47) 2-Chloronaphthalene	9.357	162	953725	53.334	ng	99
48) 2-Nitroaniline	9.451	65	283823	54.817	ng	99
49) Acenaphthylene	9.775	152	1520545	57.300	ng	100
50) Dimethylphthalate	9.633	163	1222040	55.267	ng	100
51) 2,6-Dinitrotoluene	9.698	165	264428	57.436	ng	93
52) Acenaphthene	9.945	154	1033081	55.397	ng	99
53) 3-Nitroaniline	9.863	138	72758	15.580	ng	98
54) 2,4-Dinitrophenol	9.975	184	157925	61.986	ng	# 46
55) Dibenzofuran	10.116	168	1388299	52.100	ng	100
56) 4-Nitrophenol	10.027	139	329751	93.632	ng	96
57) 2,4-Dinitrotoluene	10.104	165	367649	61.141	ng	99
58) Fluorene	10.463	166	1113397	54.182	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	310242	53.579	ng	97
60) Diethylphthalate	10.333	149	1176925	53.380	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	600164	56.021	ng	96
62) 4-Nitroaniline	10.480	138	247947	54.536	ng	98
63) Azobenzene	10.610	77	1022011	49.858	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	147690	47.207	ng	97
66) n-Nitrosodiphenylamine	10.574	169	980838	57.755	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	392895	59.612	ng	98
68) Hexachlorobenzene	11.010	284	445370	61.611	ng	94
69) Atrazine	11.098	200	322664	61.977	ng	99
70) Pentachlorophenol	11.204	266	270351	60.701	ng	99
71) Phenanthrene	11.421	178	1597489	56.357	ng	100
72) Anthracene	11.474	178	1614316	56.765	ng	100
73) Carbazole	11.627	167	1350224	55.053	ng	99
74) Di-n-butylphthalate	11.957	149	1693504	52.039	ng	100
75) Fluoranthene	12.610	202	1454106	48.360	ng	99
77) Benzidine	12.733	184	111253	26.602	ng	# 56
78) Pyrene	12.839	202	1395745	53.830	ng	99
80) Butylbenzylphthalate	13.457	149	532988	52.518	ng	97
81) Benzo(a)anthracene	14.027	228	1109745	56.419	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	48155	8.472	ng	98
83) Chrysene	14.062	228	1017233	57.052	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	738046	52.745	ng	100
85) Di-n-octyl phthalate	14.627	149	1239364	63.657	ng	98
87) Indeno(1,2,3-cd)pyrene	17.015	276	1379563	64.121	ng	97
88) Benzo(b)fluoranthene	15.080	252	1170548	51.352	ng	99
89) Benzo(k)fluoranthene	15.109	252	994400	50.977	ng	100
90) Benzo(a)pyrene	15.451	252	1053281	59.054	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	1145319	64.520	ng	98
92) Benzo(g,h,i)perylene	17.468	276	1062252	60.555	ng	97

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

