

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
 Data File : BF142419.D
 Acq On : 16 May 2025 11:13
 Operator : RC/JU
 Sample : PB167953BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167953BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/19/2025
 Supervised By :Jagrut Upadhyay 05/19/2025

Quant Time: May 16 12:00:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	173630	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	675385	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	366566	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	630880	20.000	ng	0.00
76) Chrysene-d12	14.068	240	344356	20.000	ng	0.00
86) Perylene-d12	15.556	264	359523	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1229627	120.893	ng	0.02
7) Phenol-d6	6.534	99	1504472	120.264	ng	0.01
23) Nitrobenzene-d5	7.469	82	920178	83.092	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	500490	141.416	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1886869	73.396	ng	0.00
79) Terphenyl-d14	13.015	244	1810242	77.808	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	149707	32.685	ng	99
3) Pyridine	3.540	79	418415	38.909	ng	98
4) n-Nitrosodimethylamine	3.493	42	243472	38.956	ng	96
6) Aniline	6.569	93	532865	43.427	ng	100
8) 2-Chlorophenol	6.686	128	497688	45.790	ng	98
9) Benzaldehyde	6.457	77	296741	40.529	ng	98
10) Phenol	6.545	94	599488	45.208	ng	92
11) bis(2-Chloroethyl)ether	6.639	93	463806	35.468	ng	98
12) 1,3-Dichlorobenzene	6.845	146	522493	42.019	ng	99
13) 1,4-Dichlorobenzene	6.922	146	523852	41.958	ng	99
14) 1,2-Dichlorobenzene	7.075	146	508687	42.447	ng	99
15) Benzyl Alcohol	7.045	79	398510	49.196	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	769769	39.419	ng	97
17) 2-Methylphenol	7.157	107	386045	43.871	ng	98
18) Hexachloroethane	7.416	117	182804	44.006	ng	98
19) n-Nitroso-di-n-propyla...	7.316	70	327048	42.265	ng	99
20) 3+4-Methylphenols	7.304	107	473450	43.110	ng	93
22) Acetophenone	7.316	105	629352	41.910	ng	99
24) Nitrobenzene	7.486	77	479320	45.917	ng	96
25) Isophorone	7.728	82	899135	42.876	ng	99
26) 2-Nitrophenol	7.804	139	270822	53.328	ng	97
27) 2,4-Dimethylphenol	7.839	122	463175	43.930	ng	100
28) bis(2-Chloroethoxy)met...	7.933	93	559083	41.461	ng	100
29) 2,4-Dichlorophenol	8.045	162	420197	46.877	ng	98
30) 1,2,4-Trichlorobenzene	8.128	180	438894	43.506	ng	99
31) Naphthalene	8.210	128	1391457	42.509	ng	100
32) Benzoic acid	7.957	122	326773	55.302	ng	99
33) 4-Chloroaniline	8.257	127	106321m	7.960	ng	
34) Hexachlorobutadiene	8.322	225	265544	44.453	ng	98
35) Caprolactam	8.627	113	131445m	50.315	ng	
36) 4-Chloro-3-methylphenol	8.733	107	425708	45.687	ng	99
37) 2-Methylnaphthalene	8.898	142	875467	43.042	ng	99
38) 1-Methylnaphthalene	8.998	142	899635	42.437	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	437922	42.775	ng	99
41) Hexachlorocyclopentadiene	9.051	237	602706	95.256	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	307305	47.587	ng	98

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44) 2,4,5-Trichlorophenol	9.216	196	324851	47.278	ng	98
46) 1,1'-Biphenyl	9.363	154	1183448	42.106	ng	99
47) 2-Chloronaphthalene	9.392	162	877304	41.973	ng	100
48) 2-Nitroaniline	9.480	65	268263	50.072	ng	95
49) Acenaphthylene	9.804	152	1477785	42.263	ng	99
50) Dimethylphthalate	9.663	163	1045636	44.423	ng	100
51) 2,6-Dinitrotoluene	9.727	165	230545	52.326	ng	88
52) Acenaphthene	9.980	154	1008110	47.949	ng	100
53) 3-Nitroaniline	9.892	138	130548	25.264	ng	94
54) 2,4-Dinitrophenol	9.998	184	286628	120.101	ng	# 1
55) Dibenzofuran	10.151	168	1299450	41.879	ng	99
56) 4-Nitrophenol	10.051	139	402874	103.592	ng	99
57) 2,4-Dinitrotoluene	10.127	165	319356	56.507	ng	96
58) Fluorene	10.492	166	992432	41.911	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	277612	48.943	ng	99
60) Diethylphthalate	10.363	149	1022998	43.520	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	488271	42.740	ng	98
62) 4-Nitroaniline	10.510	138	238941	58.343	ng	98
63) Azobenzene	10.645	77	919836	40.950	ng	97
65) 4,6-Dinitro-2-methylph...	10.539	198	175242	57.854	ng	92
66) n-Nitrosodiphenylamine	10.604	169	881615	41.995	ng	100
67) 4-Bromophenyl-phenylether	10.974	248	313229	43.808	ng	96
68) Hexachlorobenzene	11.039	284	350738	44.596	ng	97
69) Atrazine	11.127	200	274407	49.587	ng	100
70) Pentachlorophenol	11.233	266	429460	103.798	ng	97
71) Phenanthrene	11.457	178	1395824	42.209	ng	100
72) Anthracene	11.510	178	1431099	42.118	ng	100
73) Carbazole	11.657	167	1297202	42.553	ng	100
74) Di-n-butylphthalate	11.986	149	1470098	45.861	ng	100
75) Fluoranthene	12.645	202	1396620	42.249	ng	98
77) Benzidine	12.763	184	498548	79.667	ng	98
78) Pyrene	12.874	202	1375854	44.888	ng	100
80) Butylbenzylphthalate	13.486	149	437060	48.795	ng	99
81) Benzo(a)anthracene	14.057	228	1033001	46.321	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	193172	37.248	ng	98
83) Chrysene	14.098	228	890087	42.874	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	568724	48.750	ng	99
85) Di-n-octyl phthalate	14.662	149	1044545	49.451	ng	97
87) Indeno(1,2,3-cd)pyrene	17.074	276	1142274	45.673	ng	99
88) Benzo(b)fluoranthene	15.121	252	1019606	46.825	ng	99
89) Benzo(k)fluoranthene	15.151	252	811185	40.708	ng	99
90) Benzo(a)pyrene	15.498	252	894628	45.849	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	930090	45.015	ng	98
92) Benzo(g,h,i)perylene	17.533	276	912878	44.516	ng	96

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

