

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
 Data File : BF142540.D
 Acq On : 23 May 2025 17:32
 Operator : RC/JU
 Sample : Q2095-04MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TP1MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/27/2025
 Supervised By :Jagrut Upadhyay 05/27/2025

Quant Time: May 23 17:55:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	114152	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	439036	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	231892	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	386508	20.000	ng	0.00
76) Chrysene-d12	14.069	240	208613	20.000	ng	0.00
86) Perylene-d12	15.557	264	232633	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	696648	102.817	ng	0.01
7) Phenol-d6	6.522	99	779884	95.619	ng	-0.01
23) Nitrobenzene-d5	7.457	82	579086	71.923	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	302959	117.713	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1198565	69.356	ng	-0.01
79) Terphenyl-d14	13.010	244	1126728	73.808	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.846	88	93989	34.665	ng	# 83
3) Pyridine	3.558	79	247013	35.776	ng	99
4) n-Nitrosodimethylamine	3.499	42	141743	39.539	ng	94
6) Aniline	6.563	93	276854	25.245	ng	99
8) 2-Chlorophenol	6.681	128	298121	40.395	ng	98
9) Benzaldehyde	6.446	77	85370	17.402	ng	98
10) Phenol	6.540	94	307920	33.552	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	277840	42.057	ng	98
12) 1,3-Dichlorobenzene	6.840	146	242398	29.435	ng	98
13) 1,4-Dichlorobenzene	6.916	146	252000	30.379	ng	99
14) 1,2-Dichlorobenzene	7.069	146	255880	32.237	ng	99
15) Benzyl Alcohol	7.034	79	249632	41.416	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	428303	38.606	ng	100
17) 2-Methylphenol	7.146	107	229688	39.863	ng	99
18) Hexachloroethane	7.410	117	84108	29.037	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	201097	39.783	ng	98
20) 3+4-Methylphenols	7.298	107	284882	38.609	ng	96
22) Acetophenone	7.304	105	395198	40.663	ng	98
24) Nitrobenzene	7.481	77	291736	40.175	ng	100
25) Isophorone	7.716	82	551667	40.981	ng	99
26) 2-Nitrophenol	7.793	139	163953	42.254	ng	98
27) 2,4-Dimethylphenol	7.828	122	281301	41.110	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	340174	40.453	ng	100
29) 2,4-Dichlorophenol	8.034	162	257814	41.430	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	257019	38.057	ng	98
31) Naphthalene	8.204	128	839400	38.829	ng	100
32) Benzoic acid	7.940	122	186315m	44.730	ng	
33) 4-Chloroaniline	8.245	127	181495m	20.719	ng	
34) Hexachlorobutadiene	8.316	225	149343	35.415	ng	100
35) Caprolactam	8.616	113	66045m	37.789	ng	
36) 4-Chloro-3-methylphenol	8.728	107	264436	41.464	ng	98
37) 2-Methylnaphthalene	8.892	142	540870	39.769	ng	100
38) 1-Methylnaphthalene	8.992	142	564351	40.116	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	274930	41.302	ng	98
41) Hexachlorocyclopentadiene	9.045	237	348914	77.701	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	193979	43.215	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	208142	43.968	ng	99
46) 1,1'-Biphenyl	9.357	154	760691	42.283	ng	99
47) 2-Chloronaphthalene	9.381	162	561765	42.263	ng	99
48) 2-Nitroaniline	9.475	65	168774	43.929	ng	100
49) Acenaphthylene	9.798	152	941186	41.933	ng	100
50) Dimethylphthalate	9.657	163	673979	44.048	ng	100
51) 2,6-Dinitrotoluene	9.722	165	148373	44.928	ng	96
52) Acenaphthene	9.975	154	633889	46.251	ng	99
53) 3-Nitroaniline	9.887	138	91558	25.383	ng	98
54) 2,4-Dinitrophenol	9.992	184	164371	96.339	ng	97
55) Dibenzofuran	10.145	168	823417	41.751	ng	99
56) 4-Nitrophenol	10.045	139	212122	79.701	ng	99
57) 2,4-Dinitrotoluene	10.122	165	196846	45.641	ng	98
58) Fluorene	10.486	166	642937	42.197	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	170634	43.177	ng	99
60) Diethylphthalate	10.357	149	651956	43.627	ng	99
61) 4-Chlorophenyl-phenyle...	10.481	204	313845	41.931	ng	97
62) 4-Nitroaniline	10.504	138	135380	41.383	ng	98
63) Azobenzene	10.639	77	579866	43.202	ng	99
65) 4,6-Dinitro-2-methylph...	10.534	198	101668	47.134	ng	97
66) n-Nitrosodiphenylamine	10.598	169	557253	42.142	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	194175	42.487	ng	99
68) Hexachlorobenzene	11.034	284	213895	42.316	ng	99
69) Atrazine	11.122	200	172788	49.203	ng	100
70) Pentachlorophenol	11.228	266	248199	86.971	ng	99
71) Phenanthrene	11.451	178	875393	42.380	ng	100
72) Anthracene	11.504	178	910684	43.200	ng	100
73) Carbazole	11.657	167	790519	43.864	ng	100
74) Di-n-butylphthalate	11.986	149	939553	47.629	ng	99
75) Fluoranthene	12.639	202	841336	43.591	ng	98
77) Benzidine	12.763	184	223396	28.777	ng	99
78) Pyrene	12.869	202	829894	42.645	ng	100
80) Butylbenzylphthalate	13.486	149	294143	54.701	ng	98
81) Benzo(a)anthracene	14.057	228	598145	42.939	ng	99
82) 3,3'-Dichlorobenzidine	14.022	252	119170	28.205	ng	98
83) Chrysene	14.092	228	562661	44.951	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	366700	53.270	ng	99
85) Di-n-octyl phthalate	14.657	149	563712	41.881	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	741483	42.456	ng	99
88) Benzo(b)fluoranthene	15.121	252	579586	42.096	ng	99
89) Benzo(k)fluoranthene	15.151	252	568808	44.109	ng	99
90) Benzo(a)pyrene	15.498	252	569480	43.880	ng	100
91) Dibenzo(a,h)anthracene	17.092	278	594524	41.972	ng	98
92) Benzo(g,h,i)perylene	17.533	276	594788	41.982	ng	98

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

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