

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141441.D
 Acq On : 05 Feb 2025 12:39
 Operator : RC/JU
 Sample : PB166418BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166418BS

Manual Integrations
 APPROVED

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

Quant Time: Feb 05 13:13:01 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	6.793	152	69377	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	275008	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	148846	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	260150	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	177509	20.000	ng	#-0.01
86) Perylene-d12	15.427	264	152303	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	626082	138.542	ng	0.00
7) Phenol-d6	6.434	99	763826	132.866	ng	0.00
23) Nitrobenzene-d5	7.357	82	506405	97.073	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	217749	159.573	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	956699	98.931	ng	-0.01
79) Terphenyl-d14	12.904	244	1106131	96.100	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.546	88	75599	38.038	ng	97
3) Pyridine	3.275	79	175601	36.671	ng	95
4) n-Nitrosodimethylamine	3.222	42	125180	45.760	ng	85
6) Aniline	6.451	93	195016	40.075	ng	# 20
8) 2-Chlorophenol	6.581	128	214051	44.192	ng	95
9) Benzaldehyde	6.340	77	166845	50.105	ng	99
10) Phenol	6.445	94	250546	41.113	ng	# 63
11) bis(2-Chloroethyl)ether	6.528	93	191119	40.902	ng	98
12) 1,3-Dichlorobenzene	6.728	146	223851	41.915	ng	98
13) 1,4-Dichlorobenzene	6.810	146	227663	42.433	ng	100
14) 1,2-Dichlorobenzene	6.957	146	218639	43.520	ng	99
15) Benzyl Alcohol	6.934	79	187415	47.704	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	326923	40.236	ng	60
17) 2-Methylphenol	7.051	107	163161	41.447	ng	# 92
18) Hexachloroethane	7.304	117	86475	43.691	ng	95
19) n-Nitroso-di-n-propyla...	7.204	70	148391	43.440	ng	99
20) 3+4-Methylphenols	7.204	107	213301	44.129	ng	# 89
22) Acetophenone	7.198	105	326794	49.992	ng	# 99
24) Nitrobenzene	7.375	77	223580	41.357	ng	99
25) Isophorone	7.610	82	392516	43.528	ng	98
26) 2-Nitrophenol	7.692	139	111383	43.686	ng	93
27) 2,4-Dimethylphenol	7.734	122	175282m	54.012	ng	
28) bis(2-Chloroethoxy)met...	7.822	93	232249	40.377	ng	99
29) 2,4-Dichlorophenol	7.939	162	174012	43.800	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	189899	41.854	ng	100
31) Naphthalene	8.092	128	616346	42.425	ng	100
32) Benzoic acid	7.857	122	132904	44.550	ng	94
33) 4-Chloroaniline	8.145	127	86266	17.511	ng	99
34) Hexachlorobutadiene	8.210	225	121256	45.572	ng	98
35) Caprolactam	8.510	113	60874m	46.916	ng	
36) 4-Chloro-3-methylphenol	8.639	107	192987	45.286	ng	95
37) 2-Methylnaphthalene	8.787	142	385885	41.791	ng	99
38) 1-Methylnaphthalene	8.886	142	374851	41.327	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	208801	49.310	ng	98
41) Hexachlorocyclopentadiene	8.939	237	234691	187.667	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	122828	44.316	ng	98

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44) 2,4,5-Trichlorophenol	9.116	196	130288	43.190	ng	99
46) 1,1'-Biphenyl	9.251	154	560784	48.309	ng	99
47) 2-Chloronaphthalene	9.275	162	376896	41.655	ng	99
48) 2-Nitroaniline	9.375	65	127531	44.811	ng	97
49) Acenaphthylene	9.692	152	589227	46.522	ng	99
50) Dimethylphthalate	9.551	163	444390	44.205	ng	99
51) 2,6-Dinitrotoluene	9.616	165	97978	41.975	ng	96
52) Acenaphthene	9.863	154	451686m	49.920	ng	
53) 3-Nitroaniline	9.781	138	51651	22.577	ng	95
54) 2,4-Dinitrophenol	9.898	184	119325	109.971	ng	93
55) Dibenzofuran	10.033	168	542317	44.777	ng	96
56) 4-Nitrophenol	9.963	139	161953	96.797	ng	89
57) 2,4-Dinitrotoluene	10.022	165	137488	45.494	ng	92
58) Fluorene	10.381	166	426432	45.391	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	116286	48.999	ng	98
60) Diethylphthalate	10.257	149	432760	44.397	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	208783	45.496	ng	97
62) 4-Nitroaniline	10.398	138	98361	43.732	ng	87
63) Azobenzene	10.533	77	421756	43.226	ng	97
65) 4,6-Dinitro-2-methylph...	10.428	198	78817	51.220	ng	93
66) n-Nitrosodiphenylamine	10.492	169	368342	43.776	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	127084	43.635	ng	100
68) Hexachlorobenzene	10.928	284	135690	43.921	ng	98
69) Atrazine	11.022	200	145946	51.878	ng	99
70) Pentachlorophenol	11.128	266	169701	93.804	ng	98
71) Phenanthrene	11.339	178	649036	46.412	ng	100
72) Anthracene	11.392	178	658430	48.054	ng	100
73) Carbazole	11.551	167	573702	47.219	ng	99
74) Di-n-butylphthalate	11.880	149	678626	46.089	ng	99
75) Fluoranthene	12.533	202	677532	49.069	ng	98
77) Benzidine	12.657	184	261130	45.887	ng	98
78) Pyrene	12.763	202	693521	40.702	ng	100
80) Butylbenzylphthalate	13.380	149	266479	44.766	ng	99
81) Benzo(a)anthracene	13.951	228	544821	44.478	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	83051	21.318	ng	97
83) Chrysene	13.992	228	460149	40.990	ng	100
84) Bis(2-ethylhexyl)phtha...	13.945	149	338779	44.864	ng	99
85) Di-n-octyl phthalate	14.574	149	485819	41.422	ng	98
87) Indeno(1,2,3-cd)pyrene	16.880	276	452413	46.023	ng	95
88) Benzo(b)fluoranthene	15.010	252	410915	42.892	ng	98
89) Benzo(k)fluoranthene	15.039	252	405647	47.796	ng	98
90) Benzo(a)pyrene	15.368	252	387351	47.846	ng	98
91) Dibenzo(a,h)anthracene	16.898	278	364983	46.150	ng	96
92) Benzo(g,h,i)perylene	17.315	276	348975	42.437	ng	95

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

