

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
 Data File : BF141777.D
 Acq On : 26 Feb 2025 12:19
 Operator : RC/JU
 Sample : PB166853BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166853BS

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 02/27/2025
 Supervised By :Jagrut Upadhyay 02/27/2025

Quant Time: Feb 26 13:24:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	81688	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	331787	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	180365	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	319305	20.000	ng	-0.01
76) Chrysene-d12	13.945	240	191917	20.000	ng	-0.02
86) Perylene-d12	15.386	264	177241	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	716848	137.576	ng	0.00
7) Phenol-d6	6.428	99	865294	131.390	ng	-0.01
23) Nitrobenzene-d5	7.351	82	558919	87.864	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	262131	144.676	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1122463	95.879	ng	-0.01
79) Terphenyl-d14	12.886	244	1319483	116.067	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.569	88	86876	41.426	ng	94
3) Pyridine	3.304	79	204895	41.058	ng	91
4) n-Nitrosodimethylamine	3.252	42	121475	36.762	ng	87
6) Aniline	6.445	93	218407	35.354	ng	# 73
8) 2-Chlorophenol	6.575	128	257670	45.766	ng	97
9) Benzaldehyde	6.334	77	100149	28.617	ng	97
10) Phenol	6.445	94	297590	43.416	ng	96
11) bis(2-Chloroethyl)ether	6.516	93	236565	45.949	ng	97
12) 1,3-Dichlorobenzene	6.722	146	268531	45.177	ng	97
13) 1,4-Dichlorobenzene	6.798	146	269542	44.384	ng	99
14) 1,2-Dichlorobenzene	6.951	146	260378	46.195	ng	99
15) Benzyl Alcohol	6.928	79	214872	42.547	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	344765	39.119	ng	61
17) 2-Methylphenol	7.051	107	195576	44.389	ng	94
18) Hexachloroethane	7.287	117	100289	44.622	ng	97
19) n-Nitroso-di-n-propyla...	7.198	70	171908	43.639	ng	91
20) 3+4-Methylphenols	7.204	107	257970	46.071	ng	# 75
22) Acetophenone	7.192	105	390944	47.368	ng	# 91
24) Nitrobenzene	7.369	77	259378	41.815	ng	96
25) Isophorone	7.604	82	462376	45.587	ng	98
26) 2-Nitrophenol	7.681	139	138079	44.743	ng	92
27) 2,4-Dimethylphenol	7.728	122	201881	55.997	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	290160	44.645	ng	100
29) 2,4-Dichlorophenol	7.934	162	216937	44.535	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	233773	44.071	ng	99
31) Naphthalene	8.086	128	740758	42.891	ng	99
32) Benzoic acid	7.875	122	136752	36.518	ng	97
33) 4-Chloroaniline	8.139	127	134615	22.325	ng	97
34) Hexachlorobutadiene	8.198	225	142354	44.702	ng	99
35) Caprolactam	8.516	113	76597m	51.646	ng	
36) 4-Chloro-3-methylphenol	8.633	107	234899	43.534	ng	100
37) 2-Methylnaphthalene	8.775	142	471459	41.950	ng	99
38) 1-Methylnaphthalene	8.875	142	460135	42.273	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	261645	50.141	ng	98
41) Hexachlorocyclopentadiene	8.928	237	221790	127.788	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	150125	44.513	ng	100

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44) 2,4,5-Trichlorophenol	9.110	196	162948	44.581	ng	97
46) 1,1'-Biphenyl	9.239	154	686888	49.122	ng	99
47) 2-Chloronaphthalene	9.263	162	470296	45.482	ng	99
48) 2-Nitroaniline	9.369	65	146947	42.345	ng	89
49) Acenaphthylene	9.681	152	721764	46.929	ng	99
50) Dimethylphthalate	9.539	163	571666	46.687	ng	99
51) 2,6-Dinitrotoluene	9.610	165	125505	46.887	ng	92
52) Acenaphthene	9.851	154	448107	43.338	ng	99
53) 3-Nitroaniline	9.780	138	78775	27.343	ng	98
54) 2,4-Dinitrophenol	9.898	184	144884	91.073	ng	86
55) Dibenzofuran	10.022	168	650259	42.845	ng	98
56) 4-Nitrophenol	9.963	139	165178	77.235	ng	92
57) 2,4-Dinitrotoluene	10.016	165	167288	46.946	ng	99
58) Fluorene	10.369	166	534517	45.550	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	141879	45.087	ng	94
60) Diethylphthalate	10.239	149	555522	46.112	ng	100
61) 4-Chlorophenyl-phenyle...	10.357	204	264126	46.786	ng	97
62) 4-Nitroaniline	10.398	138	129151	44.149	ng	93
63) Azobenzene	10.516	77	510011	42.585	ng	95
65) 4,6-Dinitro-2-methylph...	10.428	198	96796	43.640	ng	90
66) n-Nitrosodiphenylamine	10.480	169	466927	45.682	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	167414	46.912	ng	99
68) Hexachlorobenzene	10.916	284	174013	47.354	ng	98
69) Atrazine	11.010	200	183372	59.801	ng	99
70) Pentachlorophenol	11.116	266	172467	73.399	ng	100
71) Phenanthrene	11.327	178	795359	45.252	ng	100
72) Anthracene	11.380	178	834948	47.256	ng	100
73) Carbazole	11.539	167	713496	44.880	ng	99
74) Di-n-butylphthalate	11.863	149	878298	47.846	ng	99
75) Fluoranthene	12.516	202	832656	44.684	ng	99
77) Benzidine	12.639	184	212949	50.312	ng	99
78) Pyrene	12.745	202	829507	50.774	ng	99
80) Butylbenzylphthalate	13.357	149	311733	55.088	ng	98
81) Benzo(a)anthracene	13.933	228	616649	48.337	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	123372	33.760	ng	98
83) Chrysene	13.968	228	555284	47.140	ng	99
84) Bis(2-ethylhexyl)phtha...	13.916	149	394616	61.830	ng	100
85) Di-n-octyl phthalate	14.527	149	565858	62.150	ng	96
87) Indeno(1,2,3-cd)pyrene	16.827	276	565885	51.672	ng	99
88) Benzo(b)fluoranthene	14.968	252	481397	40.451	ng	99
89) Benzo(k)fluoranthene	14.998	252	411471	40.490	ng	99
90) Benzo(a)pyrene	15.327	252	468144	48.614	ng	98
91) Dibenzo(a,h)anthracene	16.839	278	461450	52.001	ng	99
92) Benzo(g,h,i)perylene	17.262	276	439909	47.372	ng	100

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

