

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
 Data File : BF141759.D
 Acq On : 25 Feb 2025 12:33
 Operator : RC/JU
 Sample : PB166843BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166843BS

Manual Integrations
 APPROVED

Reviewed By :Anahy
 Claudio

02/26/2025
 Supervised By :mohammad
 ahmed

Quant Time: Feb 25 12:55:04 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	85143	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	336134	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	184958	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	306537	20.000	ng	-0.01
76) Chrysene-d12	13.945	240	174594	20.000	ng	-0.02
86) Perylene-d12	15.386	264	161008	20.000	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	808902	148.944	ng	0.00
7) Phenol-d6	6.434	99	971994	141.602	ng	0.00
23) Nitrobenzene-d5	7.351	82	646457	100.311	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	277487	149.348	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1234138	102.800	ng	-0.01
79) Terphenyl-d14	12.886	244	1281986	123.957	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.569	88	92725	42.421	ng	97
3) Pyridine	3.310	79	220546	42.401	ng	94
4) n-Nitrosodimethylamine	3.251	42	135718	39.406	ng	89
6) Aniline	6.445	93	221597	34.415	ng	# 62
8) 2-Chlorophenol	6.575	128	275729	46.986	ng	98
9) Benzaldehyde	6.334	77	113803	31.199	ng	97
10) Phenol	6.445	94	316942	44.363	ng	98
11) bis(2-Chloroethyl)ether	6.522	93	252135	46.986	ng	98
12) 1,3-Dichlorobenzene	6.722	146	287923	46.474	ng	97
13) 1,4-Dichlorobenzene	6.798	146	292544	46.217	ng	99
14) 1,2-Dichlorobenzene	6.951	146	282098	48.018	ng	98
15) Benzyl Alcohol	6.934	79	233511	44.361	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	386151	42.037	ng	57
17) 2-Methylphenol	7.051	107	213037	46.390	ng	93
18) Hexachloroethane	7.286	117	110091	46.995	ng	100
19) n-Nitroso-di-n-propyla...	7.198	70	186928	45.526	ng	94
20) 3+4-Methylphenols	7.204	107	277148	47.488	ng	# 79
22) Acetophenone	7.192	105	418105	50.004	ng	# 91
24) Nitrobenzene	7.369	77	282640	44.976	ng	97
25) Isophorone	7.604	82	502546	48.907	ng	98
26) 2-Nitrophenol	7.681	139	147799	47.273	ng	94
27) 2,4-Dimethylphenol	7.728	122	221456	60.632	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	313856	47.667	ng	100
29) 2,4-Dichlorophenol	7.934	162	232656	47.145	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	251271	46.757	ng	99
31) Naphthalene	8.086	128	782110	44.700	ng	100
32) Benzoic acid	7.875	122	147025	38.754	ng	97
33) 4-Chloroaniline	8.139	127	95751	15.674	ng	98
34) Hexachlorobutadiene	8.198	225	152740	47.343	ng	99
35) Caprolactam	8.516	113	79353m	52.812	ng	
36) 4-Chloro-3-methylphenol	8.633	107	244950	44.809	ng	99
37) 2-Methylnaphthalene	8.775	142	506332	44.470	ng	99
38) 1-Methylnaphthalene	8.875	142	487905	44.244	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	276292	51.633	ng	98
41) Hexachlorocyclopentadiene	8.928	237	246201	138.330	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	160656	46.453	ng	98

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44) 2,4,5-Trichlorophenol	9.110	196	168110	44.851	ng	98
46) 1,1'-Biphenyl	9.239	154	734406	51.216	ng	100
47) 2-Chloronaphthalene	9.263	162	496962	46.867	ng	99
48) 2-Nitroaniline	9.369	65	156503	43.979	ng	95
49) Acenaphthylene	9.680	152	764699	48.486	ng	99
50) Dimethylphthalate	9.539	163	595890	47.457	ng	99
51) 2,6-Dinitrotoluene	9.610	165	130785	47.647	ng	93
52) Acenaphthene	9.851	154	472414	44.554	ng	100
53) 3-Nitroaniline	9.780	138	70383	23.824	ng	99
54) 2,4-Dinitrophenol	9.898	184	130002	79.689	ng	90
55) Dibenzofuran	10.022	168	680298	43.711	ng	100
56) 4-Nitrophenol	9.963	139	166137	75.754	ng	93
57) 2,4-Dinitrotoluene	10.016	165	169824	46.475	ng	98
58) Fluorene	10.369	166	552669	45.927	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	144579	44.804	ng	94
60) Diethylphthalate	10.239	149	573548	46.426	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	270766	46.771	ng	97
62) 4-Nitroaniline	10.398	138	124137	41.381	ng	96
63) Azobenzene	10.516	77	533817	43.465	ng	96
65) 4,6-Dinitro-2-methylph...	10.427	198	94855	44.546	ng	93
66) n-Nitrosodiphenylamine	10.480	169	480631	48.981	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	168233	49.105	ng	99
68) Hexachlorobenzene	10.916	284	177087	50.198	ng	96
69) Atrazine	11.010	200	181802	61.758	ng	99
70) Pentachlorophenol	11.116	266	170223	75.462	ng	99
71) Phenanthrene	11.327	178	799740	47.396	ng	100
72) Anthracene	11.380	178	825499	48.668	ng	100
73) Carbazole	11.539	167	702206	46.010	ng	99
74) Di-n-butylphthalate	11.863	149	854929	48.513	ng	100
75) Fluoranthene	12.516	202	790284	44.177	ng	100
77) Benzidine	12.639	184	176064	45.724	ng	99
78) Pyrene	12.745	202	787684	52.997	ng	100
80) Butylbenzylphthalate	13.357	149	280994	54.583	ng	100
81) Benzo(a)anthracene	13.933	228	564926	48.676	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	107204	32.246	ng	99
83) Chrysene	13.968	228	502243	46.867	ng	100
84) Bis(2-ethylhexyl)phtha...	13.915	149	343284	59.124	ng	100
85) Di-n-octyl phthalate	14.527	149	496883	59.989	ng	97
87) Indeno(1,2,3-cd)pyrene	16.827	276	553138	55.600	ng	99
88) Benzo(b)fluoranthene	14.968	252	445694	41.226	ng	100
89) Benzo(k)fluoranthene	14.998	252	448598	48.594	ng	99
90) Benzo(a)pyrene	15.327	252	437602	50.024	ng	99
91) Dibenzo(a,h)anthracene	16.839	278	447660	55.533	ng	99
92) Benzo(g,h,i)perylene	17.256	276	436900	51.792	ng	99

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

