

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
 Data File : BF141757.D
 Acq On : 25 Feb 2025 11:33
 Operator : RC/JU
 Sample : PB166840BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166840BS

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 02/26/2025
 Supervised By :mohammad ahmed 02/28/2025

Quant Time: Feb 25 11:58:24 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	88208	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	350101	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	190621	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	316029	20.000	ng	-0.01
76) Chrysene-d12	13.945	240	178696	20.000	ng	-0.02
86) Perylene-d12	15.386	264	160920	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	722263	128.370	ng	0.00
7) Phenol-d6	6.428	99	878433	123.526	ng	-0.01
23) Nitrobenzene-d5	7.351	82	579434	86.324	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	247535	129.270	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1113819	90.021	ng	-0.01
79) Terphenyl-d14	12.886	244	1143911	108.067	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	86132	38.036	ng	97
3) Pyridine	3.305	79	202860	37.646	ng	94
4) n-Nitrosodimethylamine	3.246	42	128249	35.943	ng	91
6) Aniline	6.445	93	232047	34.786	ng	# 73
8) 2-Chlorophenol	6.575	128	257849	42.412	ng	98
9) Benzaldehyde	6.334	77	101594	26.884	ng	97
10) Phenol	6.445	94	305708	41.303	ng	97
11) bis(2-Chloroethyl)ether	6.516	93	239235	43.033	ng	100
12) 1,3-Dichlorobenzene	6.722	146	273870	42.670	ng	98
13) 1,4-Dichlorobenzene	6.798	146	275779	42.054	ng	99
14) 1,2-Dichlorobenzene	6.951	146	262834	43.184	ng	99
15) Benzyl Alcohol	6.928	79	219206	40.197	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	370969	38.981	ng	61
17) 2-Methylphenol	7.051	107	196585	41.320	ng	# 93
18) Hexachloroethane	7.287	117	102797	42.357	ng	98
19) n-Nitroso-di-n-propyla...	7.198	70	175243	41.197	ng	95
20) 3+4-Methylphenols	7.204	107	260505	43.085	ng	# 78
22) Acetophenone	7.192	105	397204	45.609	ng	92
24) Nitrobenzene	7.369	77	262965	40.176	ng	97
25) Isophorone	7.604	82	473002	44.195	ng	99
26) 2-Nitrophenol	7.681	139	138477	42.524	ng	94
27) 2,4-Dimethylphenol	7.728	122	207112	54.443	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	293154	42.746	ng	99
29) 2,4-Dichlorophenol	7.934	162	214704	41.771	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	234932	41.972	ng	100
31) Naphthalene	8.087	128	745183	40.890	ng	100
32) Benzoic acid	7.869	122	133405	33.761	ng	99
33) 4-Chloroaniline	8.145	127	129430	20.342	ng	97
34) Hexachlorobutadiene	8.198	225	144187	42.909	ng	99
35) Caprolactam	8.510	113	75690m	48.365	ng	
36) 4-Chloro-3-methylphenol	8.634	107	230514	40.486	ng	100
37) 2-Methylnaphthalene	8.775	142	469743	39.611	ng	100
38) 1-Methylnaphthalene	8.875	142	459207	39.980	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	259469	47.049	ng	99
41) Hexachlorocyclopentadiene	8.928	237	229888	125.327	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	148002	41.523	ng	98

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44) 2,4,5-Trichlorophenol	9.110	196	156057	40.399	ng	97
46) 1,1'-Biphenyl	9.239	154	683483	46.249	ng	99
47) 2-Chloronaphthalene	9.263	162	463438	42.407	ng	99
48) 2-Nitroaniline	9.369	65	145853	39.769	ng	93
49) Acenaphthylene	9.681	152	707078	43.500	ng	100
50) Dimethylphthalate	9.539	163	552390	42.686	ng	99
51) 2,6-Dinitrotoluene	9.610	165	123297	43.584	ng	93
52) Acenaphthene	9.851	154	441774	40.427	ng	99
53) 3-Nitroaniline	9.781	138	75913	24.932	ng	96
54) 2,4-Dinitrophenol	9.898	184	132548	78.836	ng	90
55) Dibenzofuran	10.022	168	637549	39.748	ng	99
56) 4-Nitrophenol	9.963	139	155912	68.980	ng	93
57) 2,4-Dinitrotoluene	10.016	165	160830	42.706	ng	98
58) Fluorene	10.363	166	516134	41.617	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	135473	40.735	ng	94
60) Diethylphthalate	10.239	149	532257	41.804	ng	100
61) 4-Chlorophenyl-phenyle...	10.357	204	250734	42.024	ng	99
62) 4-Nitroaniline	10.392	138	118787	38.421	ng	96
63) Azobenzene	10.516	77	500497	39.542	ng	96
65) 4,6-Dinitro-2-methylph...	10.428	198	88506	40.316	ng	91
66) n-Nitrosodiphenylamine	10.480	169	454212	44.899	ng	98
67) 4-Bromophenyl-phenylether	10.845	248	154793	43.825	ng	98
68) Hexachlorobenzene	10.916	284	165572	45.524	ng	99
69) Atrazine	11.010	200	169846	55.964	ng	99
70) Pentachlorophenol	11.116	266	150745	64.820	ng	99
71) Phenanthrene	11.328	178	747125	42.948	ng	100
72) Anthracene	11.380	178	772895	44.198	ng	100
73) Carbazole	11.539	167	651374	41.397	ng	99
74) Di-n-butylphthalate	11.863	149	791451	43.562	ng	100
75) Fluoranthene	12.516	202	733010	39.744	ng	99
77) Benzidine	12.639	184	192217	48.773	ng	100
78) Pyrene	12.745	202	737808	48.502	ng	99
80) Butylbenzylphthalate	13.357	149	256086	48.603	ng	100
81) Benzo(a)anthracene	13.933	228	524204	44.130	ng	100
82) 3,3'-Dichlorobenzidine	13.898	252	103323	30.365	ng	99
83) Chrysene	13.969	228	464718	42.370	ng	99
84) Bis(2-ethylhexyl)phtha...	13.916	149	315365	53.069	ng	99
85) Di-n-octyl phthalate	14.527	149	464610	54.805	ng	98
87) Indeno(1,2,3-cd)pyrene	16.827	276	526252	52.926	ng	100
88) Benzo(b)fluoranthene	14.968	252	421609	39.020	ng	99
89) Benzo(k)fluoranthene	14.998	252	413697	44.838	ng	98
90) Benzo(a)pyrene	15.327	252	407894	46.653	ng	99
91) Dibenzo(a,h)anthracene	16.839	278	423083	52.513	ng	99
92) Benzo(g,h,i)perylene	17.257	276	414484	49.162	ng	99

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

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