

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022025\
 Data File : BF141699.D
 Acq On : 20 Feb 2025 13:03
 Operator : RC/JU
 Sample : PB166776BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166776BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 02/21/2025
 Supervised By :Jagrut Upadhyay 02/21/2025

Quant Time: Feb 20 13:27:13 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	87175	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	332694	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	173693	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	269657	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	173634	20.000	ng	-0.02
86) Perylene-d12	15.380	264	176994	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	725311	130.439	ng	0.00
7) Phenol-d6	6.428	99	867946	123.497	ng	-0.01
23) Nitrobenzene-d5	7.345	82	564292	88.467	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	221575	126.990	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	1060752	94.088	ng	-0.02
79) Terphenyl-d14	12.880	244	988676	96.125	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.575	88	94420	42.190	ng	97
3) Pyridine	3.310	79	218595	41.046	ng	94
4) n-Nitrosodimethylamine	3.257	42	138147	39.176	ng	91
6) Aniline	6.445	93	222770	33.791	ng	90
8) 2-Chlorophenol	6.569	128	261379	43.502	ng	99
9) Benzaldehyde	6.334	77	115962	31.050	ng	95
10) Phenol	6.440	94	305550	41.771	ng	95
11) bis(2-Chloroethyl)ether	6.516	93	242719	44.177	ng	100
12) 1,3-Dichlorobenzene	6.722	146	277228	43.705	ng	97
13) 1,4-Dichlorobenzene	6.798	146	280508	43.282	ng	99
14) 1,2-Dichlorobenzene	6.951	146	267644	44.496	ng	99
15) Benzyl Alcohol	6.928	79	216278	40.130	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	376314	40.012	ng	81
17) 2-Methylphenol	7.045	107	200728	42.691	ng	97
18) Hexachloroethane	7.287	117	104391	43.523	ng	99
19) n-Nitroso-di-n-propyla...	7.192	70	175045	41.639	ng	95
20) 3+4-Methylphenols	7.198	107	257675	43.122	ng	92
22) Acetophenone	7.192	105	396112	47.863	ng	95
24) Nitrobenzene	7.363	77	268663	43.194	ng	100
25) Isophorone	7.604	82	469107	46.125	ng	99
26) 2-Nitrophenol	7.681	139	135380	43.749	ng	95
27) 2,4-Dimethylphenol	7.722	122	203384	56.260	ng	99
28) bis(2-Chloroethoxy)met...	7.810	93	290525	44.579	ng	99
29) 2,4-Dichlorophenol	7.928	162	213890	43.790	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	234145	44.020	ng	99
31) Naphthalene	8.081	128	737197	42.568	ng	100
32) Benzoic acid	7.863	122	144901m	38.589	ng	
33) 4-Chloroaniline	8.139	127	72372	11.970	ng	98
34) Hexachlorobutadiene	8.198	225	141446	44.296	ng	99
35) Caprolactam	8.504	113	69185m	46.521	ng	
36) 4-Chloro-3-methylphenol	8.628	107	225834	41.740	ng	100
37) 2-Methylnaphthalene	8.775	142	463695	41.146	ng	100
38) 1-Methylnaphthalene	8.875	142	452758	41.481	ng	100
40) 1,2,4,5-Tetrachloroben...	8.939	216	251455	50.039	ng	99
41) Hexachlorocyclopentadiene	8.922	237	229243	137.156	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	144254	44.416	ng	100

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44) 2,4,5-Trichlorophenol	9.104	196	152557	43.341	ng	97
46) 1,1'-Biphenyl	9.239	154	660188	49.026	ng	100
47) 2-Chloronaphthalene	9.263	162	452576	45.450	ng	98
48) 2-Nitroaniline	9.363	65	142181	42.546	ng	97
49) Acenaphthylene	9.675	152	683006	46.115	ng	100
50) Dimethylphthalate	9.539	163	524971	44.521	ng	100
51) 2,6-Dinitrotoluene	9.604	165	115137	44.666	ng	97
52) Acenaphthene	9.845	154	429158	43.100	ng	100
53) 3-Nitroaniline	9.775	138	63575	22.915	ng	96
54) 2,4-Dinitrophenol	9.892	184	111864	73.018	ng	88
55) Dibenzofuran	10.022	168	607831	41.588	ng	99
56) 4-Nitrophenol	9.951	139	148950	72.322	ng	97
57) 2,4-Dinitrotoluene	10.010	165	150374	43.821	ng	99
58) Fluorene	10.363	166	479871	42.464	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	127160	41.961	ng	95
60) Diethylphthalate	10.239	149	494002	42.581	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	238542	43.877	ng	97
62) 4-Nitroaniline	10.392	138	105249	37.360	ng	97
63) Azobenzene	10.516	77	470068	40.757	ng	96
65) 4,6-Dinitro-2-methylph...	10.422	198	73351	39.159	ng	94
66) n-Nitrosodiphenylamine	10.475	169	416264	48.223	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	144158	47.833	ng	100
68) Hexachlorobenzene	10.910	284	151735	48.894	ng	99
69) Atrazine	11.004	200	152819	59.012	ng	99
70) Pentachlorophenol	11.110	266	135174	68.120	ng	99
71) Phenanthrene	11.322	178	682726	45.995	ng	100
72) Anthracene	11.375	178	697815	46.767	ng	99
73) Carbazole	11.533	167	574394	42.782	ng	99
74) Di-n-butylphthalate	11.863	149	693026	44.704	ng	100
75) Fluoranthene	12.510	202	649928	41.300	ng	100
77) Benzidine	12.639	184	172502	45.047	ng	99
78) Pyrene	12.739	202	639725	43.280	ng	99
80) Butylbenzylphthalate	13.357	149	234796	45.861	ng	98
81) Benzo(a)anthracene	13.927	228	516958	44.789	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	116901	35.357	ng	100
83) Chrysene	13.963	228	481985	45.226	ng	100
84) Bis(2-ethylhexyl)phtha...	13.916	149	303987	52.646	ng	100
85) Di-n-octyl phthalate	14.527	149	484777	58.851	ng	97
87) Indeno(1,2,3-cd)pyrene	16.809	276	534394	48.864	ng	99
88) Benzo(b)fluoranthene	14.963	252	480528	40.434	ng	99
89) Benzo(k)fluoranthene	14.992	252	475753	46.881	ng	99
90) Benzo(a)pyrene	15.315	252	463704	48.220	ng	98
91) Dibenzo(a,h)anthracene	16.821	278	429886	48.511	ng	99
92) Benzo(g,h,i)perylene	17.239	276	412214	44.452	ng	99

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

