

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
 Data File : BF141781.D
 Acq On : 26 Feb 2025 14:24
 Operator : RC/JU
 Sample : PB166875BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166875BS

Quant Time: Feb 26 14:49:23 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	82911	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	323947	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	182265	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	312748	20.000	ng	-0.01
76) Chrysene-d12	13.945	240	195301	20.000	ng	-0.02
86) Perylene-d12	15.386	264	182516	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	673219	127.297	ng	0.00
7) Phenol-d6	6.428	99	807007	120.732	ng	-0.01
23) Nitrobenzene-d5	7.345	82	524750	84.489	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	237563	129.750	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1043412	88.197	ng	-0.01
79) Terphenyl-d14	12.886	244	1182445	102.210	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.569	88	85137	39.998	ng	94
3) Pyridine	3.304	79	192879	38.080	ng	91
4) n-Nitrosodimethylamine	3.252	42	112190	33.451	ng	82
6) Aniline	6.445	93	200731	32.014	ng	# 74
8) 2-Chlorophenol	6.575	128	239459	41.904	ng	97
9) Benzaldehyde	6.334	77	92138	25.939	ng	95
10) Phenol	6.445	94	279580	40.186	ng	96
11) bis(2-Chloroethyl)ether	6.516	93	217324	41.589	ng	98
12) 1,3-Dichlorobenzene	6.722	146	251217	41.641	ng	96
13) 1,4-Dichlorobenzene	6.798	146	258861	41.996	ng	98
14) 1,2-Dichlorobenzene	6.951	146	243027	42.481	ng	99
15) Benzyl Alcohol	6.934	79	201589	39.328	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.057	45	326181	36.465	ng	61
17) 2-Methylphenol	7.051	107	181224	40.525	ng	94
18) Hexachloroethane	7.287	117	93620	41.040	ng	98
19) n-Nitroso-di-n-propyla...	7.198	70	162962	40.758	ng	93
20) 3+4-Methylphenols	7.204	107	242346	42.643	ng	# 76
22) Acetophenone	7.192	105	367081	45.553	ng	# 90
24) Nitrobenzene	7.369	77	241755	39.918	ng	97
25) Isophorone	7.604	82	434291	43.854	ng	98
26) 2-Nitrophenol	7.681	139	131467	43.631	ng	92
27) 2,4-Dimethylphenol	7.728	122	192467	54.678	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	269950	42.541	ng	100
29) 2,4-Dichlorophenol	7.934	162	202781	42.637	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	217604	42.015	ng	99
31) Naphthalene	8.087	128	684325	40.582	ng	100
32) Benzoic acid	7.869	122	129768	35.492	ng	97
33) 4-Chloroaniline	8.139	127	104944	17.825	ng	96
34) Hexachlorobutadiene	8.198	225	132425	42.591	ng	99
35) Caprolactam	8.510	113	68121m	47.043	ng	
36) 4-Chloro-3-methylphenol	8.634	107	215925	40.986	ng	98
37) 2-Methylnaphthalene	8.775	142	444714	40.528	ng	100
38) 1-Methylnaphthalene	8.875	142	432503	40.696	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	244851	46.434	ng	99
41) Hexachlorocyclopentadiene	8.928	237	203682	116.131	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	138890	40.753	ng	98

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44) 2,4,5-Trichlorophenol	9.110	196	151169	40.927	ng	98
46) 1,1'-Biphenyl	9.239	154	645996	45.716	ng	99
47) 2-Chloronaphthalene	9.263	162	439898	42.099	ng	99
48) 2-Nitroaniline	9.369	65	137317	39.158	ng	92
49) Acenaphthylene	9.681	152	672129	43.246	ng	99
50) Dimethylphthalate	9.539	163	525415	42.463	ng	100
51) 2,6-Dinitrotoluene	9.610	165	116118	42.928	ng	92
52) Acenaphthene	9.851	154	418861	40.087	ng	99
53) 3-Nitroaniline	9.781	138	69124	23.743	ng	96
54) 2,4-Dinitrophenol	9.898	184	125363	77.981	ng	88
55) Dibenzofuran	10.022	168	607142	39.587	ng	98
56) 4-Nitrophenol	9.963	139	146206	67.651	ng	91
57) 2,4-Dinitrotoluene	10.016	165	154036	42.777	ng	98
58) Fluorene	10.363	166	494621	41.710	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	127291	40.029	ng	94
60) Diethylphthalate	10.239	149	506014	41.565	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	242441	42.497	ng	97
62) 4-Nitroaniline	10.398	138	114185	38.626	ng	93
63) Azobenzene	10.516	77	468726	38.729	ng	94
65) 4,6-Dinitro-2-methylph...	10.428	198	83764	38.556	ng	92
66) n-Nitrosodiphenylamine	10.475	169	433486	43.299	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	151048	43.214	ng	100
68) Hexachlorobenzene	10.916	284	159239	44.242	ng	96
69) Atrazine	11.010	200	166968	55.593	ng	98
70) Pentachlorophenol	11.116	266	154762	67.245	ng	99
71) Phenanthrene	11.327	178	730566	42.437	ng	100
72) Anthracene	11.380	178	759498	43.887	ng	100
73) Carbazole	11.539	167	646297	41.505	ng	100
74) Di-n-butylphthalate	11.863	149	793310	44.122	ng	99
75) Fluoranthene	12.516	202	752428	41.225	ng	100
77) Benzidine	12.639	184	208167	48.330	ng	100
78) Pyrene	12.745	202	749905	45.106	ng	100
80) Butylbenzylphthalate	13.357	149	285374	49.557	ng	99
81) Benzo(a)anthracene	13.933	228	573656	44.187	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	116620	31.359	ng	99
83) Chrysene	13.968	228	514777	42.944	ng	99
84) Bis(2-ethylhexyl)phtha...	13.916	149	367049	56.515	ng	99
85) Di-n-octyl phthalate	14.527	149	533634	57.595	ng	96
87) Indeno(1,2,3-cd)pyrene	16.827	276	526450	46.682	ng	99
88) Benzo(b)fluoranthene	14.968	252	460075	37.542	ng	99
89) Benzo(k)fluoranthene	14.998	252	458283	43.793	ng	99
90) Benzo(a)pyrene	15.327	252	439422	44.313	ng	99
91) Dibenzo(a,h)anthracene	16.839	278	426778	46.704	ng	99
92) Benzo(g,h,i)perylene	17.256	276	404443	42.294	ng	99

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

