Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
Data File : BF143893.D
Acq On : 08 Oct 2025 14:09
Operator : RC/JU
Sample : PB170020BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 08 14:36:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB170020BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli

10/09/2025
Supervised By :Jagrut Upadhyay

10/09/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	140860	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	552430	20.000	ng		0.00
39) Acenaphthene-d10	9.927	164	304441	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	530990	20.000	ng		0.00
76) Chrysene-d12	14.063	240	331142	20.000	ng		0.00
86) Perylene-d12	15.539	264	297474	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	1015152	114.443	ng		0.01
7) Phenol-d6	6.510	99	1223379	115.707	ng		0.00
23) Nitrobenzene-d5	7.445	82	779538	85.732	ng		-0.01
42) 2,4,6-Tribromophenol	10.716	330	383741	126.551	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1457481	75.964	ng		0.00
79) Terphenyl-d14	13.004	244	1673137	86.353	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.757	88	153978	37.512	ng		99
3) Pyridine	3.504	79	445371	37.271	ng		99
4) n-Nitrosodimethylamine	3.463	42	290067	46.144	ng		97
6) Aniline	6.545	93	505296	31.893	ng		99
8) 2-Chlorophenol	6.663	128	384624	44.359	ng		100
9) Benzaldehyde	6.428	77	96993	11.892	ng		100
10) Phenol	6.522	94	551462	43.627	ng		98
11) bis(2-Chloroethyl)ether	6.616	93	423515	43.373	ng		98
12) 1,3-Dichlorobenzene	6.822	146	438354	42.234	ng		100
13) 1,4-Dichlorobenzene	6.898	146	442460	43.217	ng		100
14) 1,2-Dichlorobenzene	7.051	146	431485	44.000	ng		99
15) Benzyl Alcohol	7.022	79	368801	46.554	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	985627	44.345	ng		99
17) 2-Methylphenol	7.134	107	324852	45.334	ng		99
18) Hexachloroethane	7.398	117	145226	42.534	ng		96
19) n-Nitroso-di-n-propyla...	7.298	70	311586	43.053	ng		98
20) 3+4-Methylphenols	7.286	107	362051	43.594	ng	#	79
22) Acetophenone	7.292	105	501108	42.900	ng		97
24) Nitrobenzene	7.463	77	449309	44.496	ng		99
25) Isophorone	7.704	82	834797	43.541	ng		99
26) 2-Nitrophenol	7.781	139	208546	48.172	ng		99
27) 2,4-Dimethylphenol	7.816	122	376084	48.293	ng		100
28) bis(2-Chloroethoxy)met...	7.916	93	517559	42.734	ng		99
29) 2,4-Dichlorophenol	8.022	162	350258	43.179	ng		98
30) 1,2,4-Trichlorobenzene	8.104	180	364200	45.652	ng		98
31) Naphthalene	8.186	128	1053756	41.933	ng		99
32) Benzoic acid	7.933	122	258358	47.936	ng		97
33) 4-Chloroaniline	8.233	127	254299	26.982	ng		99
34) Hexachlorobutadiene	8.304	225	232107	41.868	ng		97
35) Caprolactam	8.604	113	125385m	48.613	ng		
36) 4-Chloro-3-methylphenol	8.716	107	343259	44.053	ng		99
37) 2-Methylnaphthalene	8.880	142	650308	38.849	ng		99
38) 1-Methylnaphthalene	8.980	142	672113	41.394	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	348628	41.433	ng		98
41) Hexachlorocyclopentadiene	9.033	237	359589	103.012	ng		98
43) 2,4,6-Trichlorophenol	9.157	196	265583	43.198	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	290493	44.712	ng	97
46) 1,1'-Biphenyl	9.345	154	865497	42.938	ng	99
47) 2-Chloronaphthalene	9.369	162	711402	42.331	ng	97
48) 2-Nitroaniline	9.463	65	256587	48.292	ng	98
49) Acenaphthylene	9.786	152	1122955	47.529	ng	100
50) Dimethylphthalate	9.645	163	846276	43.773	ng	99
51) 2,6-Dinitrotoluene	9.710	165	184918	51.581	ng	98
52) Acenaphthene	9.957	154	714385	46.144	ng	98
53) 3-Nitroaniline	9.875	138	155979	35.533	ng	100
54) 2,4-Dinitrophenol	9.986	184	189592	85.238	ng	93
55) Dibenzofuran	10.133	168	930326	42.570	ng	99
56) 4-Nitrophenol	10.033	139	306835	92.318	ng	93
57) 2,4-Dinitrotoluene	10.116	165	244150	50.053	ng	96
58) Fluorene	10.474	166	690695	41.885	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	215280	46.809	ng	100
60) Diethylphthalate	10.351	149	786500	43.790	ng	98
61) 4-Chlorophenyl-phenyle...	10.469	204	366988	42.094	ng	99
62) 4-Nitroaniline	10.498	138	198794	47.094	ng	98
63) Azobenzene	10.627	77	832392	44.343	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	135784	50.887	ng	99
66) n-Nitrosodiphenylamine	10.586	169	727400	43.628	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	245913	41.906	ng	97
68) Hexachlorobenzene	11.022	284	293587	43.214	ng	98
69) Atrazine	11.116	200	216942	42.930	ng	98
70) Pentachlorophenol	11.216	266	347423	89.041	ng	98
71) Phenanthrene	11.439	178	1112043	43.199	ng	100
72) Anthracene	11.492	178	1106009	42.529	ng	99
73) Carbazole	11.645	167	1003240	43.557	ng	99
74) Di-n-butylphthalate	11.974	149	1199086	44.919	ng	100
75) Fluoranthene	12.633	202	1199277	45.102	ng	98
77) Benzidine	12.751	184	272359	23.687	ng	100
78) Pyrene	12.863	202	1196891	43.355	ng	100
80) Butylbenzylphthalate	13.480	149	454892	50.736	ng	98
81) Benzo(a)anthracene	14.051	228	999220	46.111	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	253858	38.440	ng	98
83) Chrysene	14.092	228	877447	43.749	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	542011	50.150	ng	100
85) Di-n-octyl phthalate	14.657	149	844614	47.581	ng	100
87) Indeno(1,2,3-cd)pyrene	17.045	276	862301	47.308	ng	98
88) Benzo(b)fluoranthene	15.109	252	813114	47.584	ng	98
89) Benzo(k)fluoranthene	15.139	252	816736	51.654	ng	99
90) Benzo(a)pyrene	15.480	252	759986	51.292	ng	98
91) Dibenzo(a,h)anthracene	17.062	278	717899	48.971	ng	99
92) Benzo(g,h,i)perylene	17.498	276	717250	48.926	ng	99

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

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