Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143426.D
Acq On : 15 Aug 2025 19:56
Operator : RC/JU
Sample : PB169229BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 18 04:41:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 18 04:40:19 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB169229BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	127993	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	497000	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	272728	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	431486	20.000	ng	0.00
76) Chrysene-d12	14.086	240	215159	20.000	ng	0.00
86) Perylene-d12	15.574	264	268202	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	956660	129.928	ng	0.02
7) Phenol-d6	6.563	99	1215718	131.017	ng	0.00
23) Nitrobenzene-d5	7.486	82	806236	96.260	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	351095	144.633	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1475429	90.994	ng	0.00
79) Terphenyl-d14	13.027	244	1306134	101.977	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.840	88	145152	40.955	ng	99
3) Pyridine	3.598	79	392003	42.171	ng	100
4) n-Nitrosodimethylamine	3.540	42	217303	50.295	ng	99
6) Aniline	6.592	93	461848	36.663	ng	92
8) 2-Chlorophenol	6.716	128	390365	48.022	ng	100
9) Benzaldehyde	6.481	77	217606	44.083	ng	98
10) Phenol	6.581	94	503570	46.506	ng	88
11) bis(2-Chloroethyl)ether	6.657	93	380221	47.372	ng	99
12) 1,3-Dichlorobenzene	6.869	146	430148	47.238	ng	100
13) 1,4-Dichlorobenzene	6.945	146	433844	47.723	ng	100
14) 1,2-Dichlorobenzene	7.098	146	419368	48.297	ng	99
15) Benzyl Alcohol	7.069	79	346306	50.607	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.198	45	650738	47.425	ng	97
17) 2-Methylphenol	7.181	107	323024	48.704	ng	99
18) Hexachloroethane	7.439	117	147953	47.813	ng	98
19) n-Nitroso-di-n-propyla...	7.339	70	270217	47.039	ng	98
20) 3+4-Methylphenols	7.333	107	379337	47.844	ng	98
22) Acetophenone	7.333	105	510986	47.819	ng	99
24) Nitrobenzene	7.504	77	420653	48.054	ng	99
25) Isophorone	7.745	82	783259	48.861	ng	100
26) 2-Nitrophenol	7.822	139	209355	51.590	ng	99
27) 2,4-Dimethylphenol	7.863	122	360416	52.529	ng	98
28) bis(2-Chloroethoxy)met...	7.951	93	472864	47.991	ng	99
29) 2,4-Dichlorophenol	8.069	162	336733	48.143	ng	100
30) 1,2,4-Trichlorobenzene	8.151	180	358671	50.047	ng	99
31) Naphthalene	8.233	128	1096744	46.481	ng	100
32) Benzoic acid	7.992	122	189795	53.187	ng	98
33) 4-Chloroaniline	8.275	127	206957	24.300	ng	98
34) Hexachlorobutadiene	8.351	225	220427	48.234	ng	99
35) Caprolactam	8.645	113	107094m	53.182	ng	
36) 4-Chloro-3-methylphenol	8.763	107	354949	49.274	ng	98
37) 2-Methylnaphthalene	8.922	142	677906	42.624	ng	99
38) 1-Methylnaphthalene	9.022	142	701286	46.022	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	350908	46.136	ng	99
41) Hexachlorocyclopentadiene	9.080	237	368240	128.402	ng	98
43) 2,4,6-Trichlorophenol	9.198	196	228647	48.190	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	250871	49.327	ng	98
46) 1,1'-Biphenyl	9.386	154	917932	47.903	ng	100
47) 2-Chloronaphthalene	9.410	162	710821	46.993	ng	99
48) 2-Nitroaniline	9.504	65	231257	51.375	ng	97
49) Acenaphthylene	9.827	152	1155566	52.912	ng	99
50) Dimethylphthalate	9.680	163	843969	49.635	ng	100
51) 2,6-Dinitrotoluene	9.745	165	188042	56.100	ng	95
52) Acenaphthene	9.998	154	751281	51.147	ng	100
53) 3-Nitroaniline	9.910	138	121510	32.544	ng	98
54) 2,4-Dinitrophenol	10.022	184	173923	109.331	ng	96
55) Dibenzofuran	10.169	168	1008069	47.574	ng	98
56) 4-Nitrophenol	10.080	139	260634	111.031	ng	97
57) 2,4-Dinitrotoluene	10.151	165	251949	56.379	ng	99
58) Fluorene	10.516	166	767018	47.119	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	217207	56.419	ng	98
60) Diethylphthalate	10.380	149	780141	49.650	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	386304	47.999	ng	97
62) 4-Nitroaniline	10.527	138	181008	51.838	ng	97
63) Azobenzene	10.663	77	795014	50.061	ng	99
65) 4,6-Dinitro-2-methylph...	10.563	198	127241	57.153	ng	98
66) n-Nitrosodiphenylamine	10.621	169	684441	48.784	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	249357	48.939	ng	99
68) Hexachlorobenzene	11.063	284	265709	49.053	ng	99
69) Atrazine	11.145	200	212006	51.663	ng	99
70) Pentachlorophenol	11.257	266	265624	111.507	ng	100
71) Phenanthrene	11.474	178	1108963	47.461	ng	100
72) Anthracene	11.527	178	1130440	47.900	ng	99
73) Carbazole	11.680	167	954835	47.838	ng	100
74) Di-n-butylphthalate	12.004	149	1022339	51.435	ng	99
75) Fluoranthene	12.663	202	981500	47.275	ng	99
77) Benzidine	12.774	184	247704	38.552	ng	99
78) Pyrene	12.892	202	974901	52.131	ng	100
80) Butylbenzylphthalate	13.498	149	263720	56.934	ng	100
81) Benzo(a)anthracene	14.074	228	683934	49.929	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	112493	28.049	ng	100
83) Chrysene	14.115	228	647203	51.107	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	352947	53.654	ng	99
85) Di-n-octyl phthalate	14.668	149	697398	52.270	ng	99
87) Indeno(1,2,3-cd)pyrene	17.098	276	992843	49.364	ng	100
88) Benzo(b)fluoranthene	15.139	252	716884	49.872	ng	99
89) Benzo(k)fluoranthene	15.168	252	726684	51.255	ng	99
90) Benzo(a)pyrene	15.515	252	730252	53.338	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	808184	50.038	ng	100
92) Benzo(g,h,i)perylene	17.556	276	824368	51.092	ng	99

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

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