Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143488.D
Acq On : 20 Aug 2025 16:44
Operator : RC/JU
Sample : PB169313BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 21 06:22:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB169313BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	135406	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	517174	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	285363	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	434773	20.000	ng	0.00
76) Chrysene-d12	14.098	240	242024	20.000	ng	0.00
86) Perylene-d12	15.598	264	290471	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	978941	126.242	ng	0.01
7) Phenol-d6	6.569	99	1212927	126.709	ng	0.00
23) Nitrobenzene-d5	7.487	82	821994	92.749	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	372333	140.169	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1496037	86.643	ng	0.00
79) Terphenyl-d14	13.039	244	1314279	94.762	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.857	88	139645	38.874	ng	98
3) Pyridine	3.610	79	376166	39.316	ng	99
4) n-Nitrosodimethylamine	3.557	42	204555	47.558	ng	100
6) Aniline	6.593	93	473786	37.029	ng	92
8) 2-Chlorophenol	6.716	128	388404	45.348	ng	100
9) Benzaldehyde	6.475	77	197598	25.496	ng	98
10) Phenol	6.581	94	469575	42.582	ng	98
11) bis(2-Chloroethyl)ether	6.657	93	367879	44.642	ng	99
12) 1,3-Dichlorobenzene	6.869	146	431278	44.815	ng	99
13) 1,4-Dichlorobenzene	6.945	146	438315	45.405	ng	99
14) 1,2-Dichlorobenzene	7.098	146	419496	45.898	ng	99
15) Benzyl Alcohol	7.069	79	336855	47.002	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	587313	44.547	ng	96
17) 2-Methylphenol	7.187	107	314264	45.717	ng	99
18) Hexachloroethane	7.439	117	148005	45.094	ng	97
19) n-Nitroso-di-n-propyla...	7.340	70	273392	46.727	ng	99
20) 3+4-Methylphenols	7.334	107	370330	45.128	ng	100
22) Acetophenone	7.334	105	512901	45.905	ng	99
24) Nitrobenzene	7.510	77	410266	44.977	ng	99
25) Isophorone	7.745	82	752754	46.335	ng	100
26) 2-Nitrophenol	7.822	139	210247	47.055	ng	97
27) 2,4-Dimethylphenol	7.863	122	337545	48.462	ng	100
28) bis(2-Chloroethoxy)met...	7.951	93	456571	45.730	ng	100
29) 2,4-Dichlorophenol	8.069	162	329205	44.255	ng	98
30) 1,2,4-Trichlorobenzene	8.151	180	357138	46.695	ng	100
31) Naphthalene	8.234	128	1088785	43.850	ng	100
32) Benzoic acid	7.998	122	186131	47.168	ng	99
33) 4-Chloroaniline	8.275	127	257956	29.271	ng	99
34) Hexachlorobutadiene	8.351	225	223510	44.793	ng	100
35) Caprolactam	8.645	113	91830m	51.444	ng	
36) 4-Chloro-3-methylphenol	8.763	107	338812	45.448	ng	98
37) 2-Methylnaphthalene	8.922	142	669435	40.368	ng	99
38) 1-Methylnaphthalene	9.022	142	687275	43.326	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	353074	43.256	ng	99
41) Hexachlorocyclopentadiene	9.081	237	393494	120.520	ng	99
43) 2,4,6-Trichlorophenol	9.204	196	227602	45.316	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	242677	44.233	ng	98
46) 1,1'-Biphenyl	9.386	154	905413	44.702	ng	100
47) 2-Chloronaphthalene	9.416	162	696404	43.821	ng	99
48) 2-Nitroaniline	9.504	65	214901	46.205	ng	99
49) Acenaphthylene	9.828	152	1127144	49.533	ng	100
50) Dimethylphthalate	9.686	163	802340	46.684	ng	100
51) 2,6-Dinitrotoluene	9.745	165	179513	50.396	ng	99
52) Acenaphthene	10.004	154	739712	47.878	ng	100
53) 3-Nitroaniline	9.916	138	131984	34.291	ng	100
54) 2,4-Dinitrophenol	10.028	184	174062	90.623	ng	99
55) Dibenzofuran	10.175	168	988542	44.878	ng	99
56) 4-Nitrophenol	10.086	139	227228	99.219	ng	96
57) 2,4-Dinitrotoluene	10.151	165	242170	50.917	ng	98
58) Fluorene	10.516	166	770009	45.420	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.298	232	211116	51.796	ng	98
60) Diethylphthalate	10.386	149	734973	47.698	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	382845	45.154	ng	100
62) 4-Nitroaniline	10.533	138	171463	48.499	ng	98
63) Azobenzene	10.663	77	761351	47.652	ng	99
65) 4,6-Dinitro-2-methylph...	10.569	198	128974	52.612	ng	97
66) n-Nitrosodiphenylamine	10.622	169	670162	47.897	ng	100
67) 4-Bromophenyl-phenylether	10.998	248	238851	46.043	ng	98
68) Hexachlorobenzene	11.069	284	255432	45.680	ng	98
69) Atrazine	11.151	200	179670	49.745	ng	100
70) Pentachlorophenol	11.269	266	250992	98.008	ng	99
71) Phenanthrene	11.480	178	1048955	45.053	ng	100
72) Anthracene	11.533	178	1079925	45.786	ng	100
73) Carbazole	11.686	167	890299	46.066	ng	99
74) Di-n-butylphthalate	12.010	149	897655	49.788	ng	99
75) Fluoranthene	12.669	202	955266	45.725	ng	99
77) Benzidine	12.786	184	330741	56.102	ng	99
78) Pyrene	12.898	202	936601	47.046	ng	99
80) Butylbenzylphthalate	13.510	149	275606	50.676	ng	99
81) Benzo(a)anthracene	14.086	228	724952	46.526	ng	99
82) 3,3'-Dichlorobenzidine	14.045	252	147047	32.953	ng	99
83) Chrysene	14.127	228	683519	48.813	ng	100
84) Bis(2-ethylhexyl)phtha...	14.068	149	422164	50.965	ng	100
85) Di-n-octyl phthalate	14.680	149	784582	51.129	ng	100
87) Indeno(1,2,3-cd)pyrene	17.133	276	979376	46.920	ng	100
88) Benzo(b)fluoranthene	15.157	252	757232	46.898	ng	100
89) Benzo(k)fluoranthene	15.186	252	735798	47.596	ng	100
90) Benzo(a)pyrene	15.533	252	744311	49.663	ng	99
91) Dibenzo(a,h)anthracene	17.145	278	790719	47.300	ng	99
92) Benzo(g,h,i)perylene	17.592	276	801902	48.242	ng	99

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

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