Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143500.D
Acq On : 20 Aug 2025 23:03
Operator : RC/JU
Sample : PB169223BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 21 06:15:58 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 :
PB169223BS

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	131186	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	492884	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	270237	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	416818	20.000	ng	0.00
76) Chrysene-d12	14.098	240	228118	20.000	ng	0.00
86) Perylene-d12	15.592	264	266176	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	844659	112.429	ng	0.01
7) Phenol-d6	6.569	99	1058961	114.184	ng	0.00
23) Nitrobenzene-d5	7.486	82	710526	84.122	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	322470	128.193	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1355856	82.919	ng	0.00
79) Terphenyl-d14	13.039	244	1200740	91.853	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.840	88	118960	34.181	ng	99
3) Pyridine	3.598	79	315644	34.051	ng	99
4) n-Nitrosodimethylamine	3.540	42	178922	42.937	ng	98
6) Aniline	6.592	93	455595	36.752	ng	96
8) 2-Chlorophenol	6.716	128	345347	41.618	ng	100
9) Benzaldehyde	6.475	77	202831	27.013	ng	97
10) Phenol	6.581	94	429646	40.214	ng	97
11) bis(2-Chloroethyl)ether	6.657	93	324476	40.641	ng	100
12) 1,3-Dichlorobenzene	6.869	146	378602	40.607	ng	99
13) 1,4-Dichlorobenzene	6.945	146	384169	41.077	ng	100
14) 1,2-Dichlorobenzene	7.098	146	365259	41.250	ng	99
15) Benzyl Alcohol	7.069	79	298873	43.044	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	523318	40.970	ng	98
17) 2-Methylphenol	7.181	107	284449	42.710	ng	96
18) Hexachloroethane	7.439	117	128886	40.532	ng	97
19) n-Nitroso-di-n-propyla...	7.339	70	240395	42.409	ng	99
20) 3+4-Methylphenols	7.334	107	342541	43.085	ng	99
22) Acetophenone	7.334	105	456555	42.875	ng	99
24) Nitrobenzene	7.510	77	367167	42.236	ng	99
25) Isophorone	7.745	82	679763	43.904	ng	99
26) 2-Nitrophenol	7.822	139	187617	44.059	ng	97
27) 2,4-Dimethylphenol	7.863	122	307096	46.263	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	411823	43.281	ng	100
29) 2,4-Dichlorophenol	8.069	162	302376	42.651	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	321220	44.069	ng	100
31) Naphthalene	8.233	128	978696	41.359	ng	100
32) Benzoic acid	7.992	122	153463	41.551	ng	99
33) 4-Chloroaniline	8.281	127	338991	40.362	ng	100
34) Hexachlorobutadiene	8.351	225	198748	41.793	ng	99
35) Caprolactam	8.645	113	83934m	49.338	ng	
36) 4-Chloro-3-methylphenol	8.763	107	317848	44.738	ng	99
37) 2-Methylnaphthalene	8.922	142	609862	38.588	ng	100
38) 1-Methylnaphthalene	9.022	142	628292	41.560	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	325599	42.123	ng	99
41) Hexachlorocyclopentadiene	9.080	237	312701	102.172	ng	100
43) 2,4,6-Trichlorophenol	9.204	196	211292	44.423	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	224442	43.200	ng	98
46) 1,1'-Biphenyl	9.386	154	831130	43.331	ng	100
47) 2-Chloronaphthalene	9.410	162	642470	42.690	ng	98
48) 2-Nitroaniline	9.504	65	201092	45.656	ng	99
49) Acenaphthylene	9.827	152	1028329	47.720	ng	100
50) Dimethylphthalate	9.686	163	745057	45.777	ng	100
51) 2,6-Dinitrotoluene	9.745	165	160042	47.445	ng	97
52) Acenaphthene	10.004	154	667045	45.591	ng	99
53) 3-Nitroaniline	9.916	138	144290	39.586	ng	99
54) 2,4-Dinitrophenol	10.027	184	138052	76.758	ng	99
55) Dibenzofuran	10.175	168	901702	43.227	ng	99
56) 4-Nitrophenol	10.086	139	201396	92.862	ng	96
57) 2,4-Dinitrotoluene	10.151	165	216352	48.035	ng	96
58) Fluorene	10.516	166	696847	43.405	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	190110	49.253	ng	99
60) Diethylphthalate	10.380	149	675090	46.264	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	343405	42.770	ng	99
62) 4-Nitroaniline	10.533	138	152819	45.645	ng	98
63) Azobenzene	10.663	77	684241	45.223	ng	99
65) 4,6-Dinitro-2-methylph...	10.563	198	107407	45.701	ng	97
66) n-Nitrosodiphenylamine	10.622	169	603271	44.973	ng	99
67) 4-Bromophenyl-phenylether	10.998	248	221455	44.529	ng	99
68) Hexachlorobenzene	11.069	284	240151	44.797	ng	99
69) Atrazine	11.145	200	167924	48.496	ng	99
70) Pentachlorophenol	11.263	266	220853	89.954	ng	99
71) Phenanthrene	11.480	178	965407	43.251	ng	100
72) Anthracene	11.533	178	981619	43.411	ng	100
73) Carbazole	11.686	167	819392	44.223	ng	100
74) Di-n-butylphthalate	12.010	149	833115	48.199	ng	99
75) Fluoranthene	12.668	202	859377	42.907	ng	100
77) Benzidine	12.786	184	398812	71.772	ng	99
78) Pyrene	12.898	202	851461	45.376	ng	100
80) Butylbenzylphthalate	13.510	149	246733	48.132	ng	99
81) Benzo(a)anthracene	14.086	228	634750	43.220	ng	100
82) 3,3'-Dichlorobenzidine	14.045	252	170528	40.545	ng	98
83) Chrysene	14.121	228	595587	45.126	ng	100
84) Bis(2-ethylhexyl)phtha...	14.068	149	358873	45.966	ng	100
85) Di-n-octyl phthalate	14.680	149	661323	45.724	ng	100
87) Indeno(1,2,3-cd)pyrene	17.133	276	888766	46.466	ng	100
88) Benzo(b)fluoranthene	15.157	252	660057	44.611	ng	99
89) Benzo(k)fluoranthene	15.186	252	624234	44.065	ng	100
90) Benzo(a)pyrene	15.533	252	643530	46.858	ng	99
91) Dibenzo(a,h)anthracene	17.139	278	729486	47.620	ng	99
92) Benzo(g,h,i)perylene	17.592	276	718142	47.146	ng	100

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

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