Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090925\
Data File : BF143668.D
Acq On : 08 Sep 2025 16:51
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 09 04:47:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 04:44:42 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	63795	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	244423	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	142124	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	240480	20.000	ng	0.00
76) Chrysene-d12	14.045	240	157095	20.000	ng	0.00
86) Perylene-d12	15.515	264	132929	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	151492	41.049	ng	0.00
7) Phenol-d6	6.504	99	183655	40.779	ng	0.00
23) Nitrobenzene-d5	7.445	82	162880	41.490	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	60859	42.236	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	387178	42.480	ng	0.00
79) Terphenyl-d14	12.992	244	416902	43.502	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	33258	20.112	ng	96
3) Pyridine	3.446	79	87645	20.463	ng	100
4) n-Nitrosodimethylamine	3.387	42	33116	19.966	ng	95
6) Aniline	6.551	93	124228	20.518	ng	100
8) 2-Chlorophenol	6.669	128	81730	20.383	ng	97
9) Benzaldehyde	6.440	77	53935	17.408	ng	99
10) Phenol	6.516	94	100774	19.753	ng	99
11) bis(2-Chloroethyl)ether	6.622	93	76316	20.424	ng	98
12) 1,3-Dichlorobenzene	6.828	146	93480	20.237	ng	99
13) 1,4-Dichlorobenzene	6.910	146	92806	20.047	ng	98
14) 1,2-Dichlorobenzene	7.057	146	88830	20.385	ng	98
15) Benzyl Alcohol	7.022	79	68035	20.321	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	103797	20.683	ng	99
17) 2-Methylphenol	7.128	107	67583	20.506	ng	99
18) Hexachloroethane	7.404	117	30424	20.189	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	58707	20.869	ng	98
20) 3+4-Methylphenols	7.281	107	87809	20.736	ng	95
22) Acetophenone	7.292	105	113453	20.660	ng	99
24) Nitrobenzene	7.469	77	83836	20.749	ng	98
25) Isophorone	7.704	82	155545	20.443	ng	100
26) 2-Nitrophenol	7.781	139	38657	19.882	ng	99
27) 2,4-Dimethylphenol	7.816	122	72260	20.261	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	97444	20.963	ng	99
29) 2,4-Dichlorophenol	8.016	162	73617	20.481	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	77073	20.708	ng	98
31) Naphthalene	8.192	128	245474	20.422	ng	100
32) Benzoic acid	7.892	122	41178m	18.528	ng	
33) 4-Chloroaniline	8.234	127	88587	21.020	ng	99
34) Hexachlorobutadiene	8.310	225	49713	20.340	ng	99
35) Caprolactam	8.586	113	20761	21.036	ng	98
36) 4-Chloro-3-methylphenol	8.704	107	74845	20.756	ng	100
37) 2-Methylnaphthalene	8.881	142	173714	20.991	ng	100
38) 1-Methylnaphthalene	8.981	142	164286	20.730	ng	96
40) 1,2,4,5-Tetrachloroben...	9.045	216	83955	20.846	ng	99
41) Hexachlorocyclopentadiene	9.033	237	41263	19.636	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	53491	20.015	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	58400	21.301	ng		98
46) 1,1'-Biphenyl	9.345	154	212725	20.795	ng		99
47) 2-Chloronaphthalene	9.369	162	165474	20.817	ng		100
48) 2-Nitroaniline	9.463	65	45916	21.205	ng		99
49) Acenaphthylene	9.786	152	237009	20.851	ng		99
50) Dimethylphthalate	9.639	163	193931	20.843	ng		100
51) 2,6-Dinitrotoluene	9.704	165	37119	20.885	ng		97
52) Acenaphthene	9.957	154	163633	20.841	ng		99
53) 3-Nitroaniline	9.869	138	39868	21.007	ng		98
54) 2,4-Dinitrophenol	9.969	184	14480	19.460	ng	#	1
55) Dibenzofuran	10.128	168	236125	20.988	ng		99
56) 4-Nitrophenol	10.010	139	32385	20.909	ng		98
57) 2,4-Dinitrotoluene	10.104	165	50680	21.518	ng		93
58) Fluorene	10.475	166	188666	21.397	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	47668	21.210	ng		100
60) Diethylphthalate	10.345	149	185277	21.143	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	94475	21.220	ng		97
62) 4-Nitroaniline	10.480	138	39135	21.424	ng		98
63) Azobenzene	10.622	77	163011	21.151	ng		97
65) 4,6-Dinitro-2-methylph...	10.510	198	22534	18.354	ng		97
66) n-Nitrosodiphenylamine	10.580	169	157888	20.157	ng		100
67) 4-Bromophenyl-phenylether	10.957	248	59364	20.638	ng		95
68) Hexachlorobenzene	11.016	284	61043	20.316	ng		97
69) Atrazine	11.104	200	53746	21.198	ng		100
70) Pentachlorophenol	11.210	266	37809	20.253	ng		100
71) Phenanthrene	11.433	178	275340	20.925	ng		100
72) Anthracene	11.486	178	280666	21.134	ng		98
73) Carbazole	11.639	167	234643	21.118	ng		99
74) Di-n-butylphthalate	11.969	149	287080	21.472	ng		99
75) Fluoranthene	12.621	202	268768	22.055	ng		99
77) Benzidine	12.739	184	97584	28.697	ng		100
78) Pyrene	12.851	202	275660	21.854	ng		99
80) Butylbenzylphthalate	13.469	149	81726	20.526	ng		99
81) Benzo(a)anthracene	14.033	228	202925	20.205	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	57377	20.235	ng		99
83) Chrysene	14.068	228	193045	21.084	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	104616	19.518	ng		99
85) Di-n-octyl phthalate	14.639	149	158242	16.944	ng		99
87) Indeno(1,2,3-cd)pyrene	17.004	276	183475	20.465	ng		99
88) Benzo(b)fluoranthene	15.086	252	163372	20.159	ng		99
89) Benzo(k)fluoranthene	15.115	252	158579	22.301	ng		99
90) Benzo(a)pyrene	15.451	252	143511	20.642	ng		98
91) Dibenzo(a,h)anthracene	17.021	278	151466	20.390	ng		98
92) Benzo(g,h,i)perylene	17.451	276	143361	20.403	ng		99

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

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