Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143771.D
Acq On : 16 Sep 2025 13:19
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 16 16:06:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 16 15:40:08 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	5123	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	18088	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	8844	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	13259	20.000	ng	0.00
76) Chrysene-d12	14.069	240	9965	20.000	ng	0.00
86) Perylene-d12	15.551	264	10181	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	27306	85.094	ng	-0.01
7) Phenol-d6	6.510	99	31562	84.214	ng	-0.02
23) Nitrobenzene-d5	7.457	82	25336	82.882	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	7475	83.799	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	54027	84.098	ng	0.00
79) Terphenyl-d14	13.010	244	46617	72.859	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.652	88	7036	42.144	ng	100
3) Pyridine	3.422	79	16998	41.194	ng	100
4) n-Nitrosodimethylamine	3.363	42	5571	38.016	ng	100
6) Aniline	6.551	93	20191	41.214	ng	100
8) 2-Chlorophenol	6.675	128	13910	40.236	ng	100
9) Benzaldehyde	6.446	77	6659	28.777	ng	100
10) Phenol	6.528	94	16431m	39.408	ng	
11) bis(2-Chloroethyl)ether	6.628	93	12744	41.055	ng	100
12) 1,3-Dichlorobenzene	6.834	146	15378	39.957	ng	100
13) 1,4-Dichlorobenzene	6.910	146	15209	39.897	ng	100
14) 1,2-Dichlorobenzene	7.063	146	14008	39.057	ng	100
15) Benzyl Alcohol	7.028	79	10025	40.032	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	13801	39.918	ng	100
17) 2-Methylphenol	7.134	107	10525	40.636	ng	100
18) Hexachloroethane	7.410	117	4540	38.055	ng	100
19) n-Nitroso-di-n-propyla...	7.304	70	8734	40.115	ng	100
20) 3+4-Methylphenols	7.293	107	13582	39.838	ng	100
22) Acetophenone	7.304	105	17650	41.329	ng	100
24) Nitrobenzene	7.475	77	12395	39.987	ng	100
25) Isophorone	7.710	82	21469	38.777	ng	100
26) 2-Nitrophenol	7.792	139	7323	43.762	ng	100
27) 2,4-Dimethylphenol	7.822	122	10629	40.052	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	13731	39.789	ng	100
29) 2,4-Dichlorophenol	8.028	162	10842	41.611	ng	100
30) 1,2,4-Trichlorobenzene	8.116	180	11191	39.848	ng	100
31) Naphthalene	8.198	128	37739	40.848	ng	100
32) Benzoic acid	7.904	122	5323	38.555	ng	100
33) 4-Chloroaniline	8.239	127	13020	42.247	ng	100
34) Hexachlorobutadiene	8.316	225	7776	43.185	ng	100
35) Caprolactam	8.604	113	2310	36.790	ng	100
36) 4-Chloro-3-methylphenol	8.716	107	10446	40.555	ng	100
37) 2-Methylnaphthalene	8.887	142	23310	39.033	ng	100
38) 1-Methylnaphthalene	8.986	142	23595	40.478	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	11640	43.633	ng	100
41) Hexachlorocyclopentadiene	9.039	237	6393	43.855	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	7687	42.688	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	7604	42.270	ng		100
46) 1,1'-Biphenyl	9.351	154	28814	42.407	ng		100
47) 2-Chloronaphthalene	9.381	162	22022	41.639	ng		100
48) 2-Nitroaniline	9.469	65	5615	40.518	ng		100
49) Acenaphthylene	9.792	152	31004	41.713	ng		100
50) Dimethylphthalate	9.645	163	24408	41.991	ng		100
51) 2,6-Dinitrotoluene	9.710	165	5199	43.388	ng		100
52) Acenaphthene	9.969	154	20903	41.963	ng		100
53) 3-Nitroaniline	9.881	138	5123	40.542	ng		100
54) 2,4-Dinitrophenol	9.981	184	2348	39.660	ng		100
55) Dibenzofuran	10.139	168	28915	39.973	ng		100
56) 4-Nitrophenol	10.028	139	3671	38.358	ng		100
57) 2,4-Dinitrotoluene	10.110	165	6560	39.338	ng		100
58) Fluorene	10.481	166	22792	40.298	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	5700	41.360	ng	#	100
60) Diethylphthalate	10.351	149	20846	39.062	ng		100
61) 4-Chlorophenyl-phenyle...	10.475	204	11301	39.831	ng		100
62) 4-Nitroaniline	10.492	138	5119	42.408	ng		100
63) Azobenzene	10.633	77	18932	40.198	ng		100
65) 4,6-Dinitro-2-methylph...	10.522	198	3195	37.063	ng		100
66) n-Nitrosodiphenylamine	10.592	169	19635	42.434	ng		100
67) 4-Bromophenyl-phenylether	10.963	248	6709	40.955	ng		100
68) Hexachlorobenzene	11.028	284	7140	40.964	ng		100
69) Atrazine	11.116	200	5586	40.647	ng		100
70) Pentachlorophenol	11.222	266	3939	40.932	ng		100
71) Phenanthrene	11.445	178	31330	40.999	ng		100
72) Anthracene	11.498	178	31726	40.714	ng		100
73) Carbazole	11.651	167	26105	41.098	ng		100
74) Di-n-butylphthalate	11.980	149	31316	40.584	ng		100
75) Fluoranthene	12.633	202	28741	40.767	ng		100
77) Benzidine	12.757	184	13576	44.043	ng		100
78) Pyrene	12.869	202	29023	35.794	ng		100
80) Butylbenzylphthalate	13.486	149	11332	40.435	ng		100
81) Benzo(a)anthracene	14.057	228	26423	40.296	ng		100
82) 3,3'-Dichlorobenzidine	14.016	252	8265	44.059	ng		100
83) Chrysene	14.092	228	23473	39.242	ng		100
84) Bis(2-ethylhexyl)phtha...	14.045	149	15883	41.773	ng		100
85) Di-n-octyl phthalate	14.663	149	27511	42.862	ng		100
87) Indeno(1,2,3-cd)pyrene	17.057	276	26852	41.206	ng		100
88) Benzo(b)fluoranthene	15.116	252	23794	37.745	ng		100
89) Benzo(k)fluoranthene	15.145	252	22704	41.072	ng		100
90) Benzo(a)pyrene	15.486	252	21860	40.238	ng		100
91) Dibenzo(a,h)anthracene	17.074	278	22249	42.497	ng		100
92) Benzo(g,h,i)perylene	17.509	276	20665	41.175	ng		100

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

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