Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090325\
Data File : BF143628.D
Acq On : 03 Sep 2025 15:40
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 03 18:40:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 03 18:35:49 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	95426	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	368642	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	205827	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	326748	20.000	ng	0.00
76) Chrysene-d12	14.051	240	200583	20.000	ng	0.00
86) Perylene-d12	15.527	264	199608	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	441724	82.005	ng	0.00
7) Phenol-d6	6.510	99	545247	81.557	ng	0.00
23) Nitrobenzene-d5	7.457	82	454221	86.600	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	152712	88.725	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1019970	79.171	ng	0.00
79) Terphenyl-d14	12.998	244	982812	81.641	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	103921	40.891	ng	100
3) Pyridine	3.440	79	276198	41.020	ng	100
4) n-Nitrosodimethylamine	3.393	42	114055	40.785	ng	100
6) Aniline	6.557	93	378719	40.697	ng	100
8) 2-Chlorophenol	6.675	128	235908	42.290	ng	100
9) Benzaldehyde	6.445	77	219793	44.248	ng	100
10) Phenol	6.522	94	303292m	41.378	ng	
11) bis(2-Chloroethyl)ether	6.628	93	230925	40.228	ng	100
12) 1,3-Dichlorobenzene	6.834	146	277888	40.364	ng	100
13) 1,4-Dichlorobenzene	6.910	146	276491	40.042	ng	100
14) 1,2-Dichlorobenzene	7.063	146	265481	40.625	ng	100
15) Benzyl Alcohol	7.028	79	209112	41.164	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	364351	40.328	ng	100
17) 2-Methylphenol	7.134	107	200798	41.169	ng	100
18) Hexachloroethane	7.404	117	89490	41.543	ng	100
19) n-Nitroso-di-n-propyla...	7.304	70	175211	41.155	ng	100
20) 3+4-Methylphenols	7.287	107	256244	41.736	ng	100
22) Acetophenone	7.298	105	335526	40.247	ng	100
24) Nitrobenzene	7.475	77	245213	43.724	ng	100
25) Isophorone	7.710	82	469385	39.713	ng	100
26) 2-Nitrophenol	7.787	139	89478	39.256	ng	100
27) 2,4-Dimethylphenol	7.816	122	211630	41.126	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	289365	40.047	ng	100
29) 2,4-Dichlorophenol	8.022	162	213081	42.198	ng	100
30) 1,2,4-Trichlorobenzene	8.116	180	223959	40.697	ng	100
31) Naphthalene	8.198	128	716893	39.758	ng	100
32) Benzoic acid	7.916	122	105213m	35.877	ng	
33) 4-Chloroaniline	8.239	127	250375	40.102	ng	100
34) Hexachlorobutadiene	8.316	225	143460	40.077	ng	100
35) Caprolactam	8.610	113	56376	41.661	ng	100
36) 4-Chloro-3-methylphenol	8.710	107	217854	41.200	ng	100
37) 2-Methylnaphthalene	8.886	142	486097	39.855	ng	100
38) 1-Methylnaphthalene	8.986	142	464004	39.791	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	228705	40.205	ng	100
41) Hexachlorocyclopentadiene	9.039	237	115768	41.910	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	147407	42.060	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	157065	43.410	ng	100
46) 1,1'-Biphenyl	9.351	154	586580	40.071	ng	100
47) 2-Chloronaphthalene	9.375	162	460070	40.160	ng	100
48) 2-Nitroaniline	9.463	65	120093	39.263	ng	100
49) Acenaphthylene	9.786	152	667275	40.417	ng	100
50) Dimethylphthalate	9.645	163	530008	40.666	ng	100
51) 2,6-Dinitrotoluene	9.710	165	90670	39.025	ng	100
52) Acenaphthene	9.963	154	443145	40.126	ng	100
53) 3-Nitroaniline	9.875	138	104588	40.326	ng	100
54) 2,4-Dinitrophenol	9.975	184	29112	37.947	ng	100
55) Dibenzofuran	10.133	168	645301	40.219	ng	100
56) 4-Nitrophenol	10.022	139	83051	42.978	ng	100
57) 2,4-Dinitrotoluene	10.110	165	122496	38.971	ng	100
58) Fluorene	10.475	166	495469	39.923	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	123292	44.869	ng	100
60) Diethylphthalate	10.351	149	510362	41.248	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	249230	40.246	ng	100
62) 4-Nitroaniline	10.486	138	103557	40.906	ng	100
63) Azobenzene	10.628	77	473383	40.588	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	46823	36.324	ng	100
66) n-Nitrosodiphenylamine	10.586	169	431496	40.914	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	155285	40.977	ng	100
68) Hexachlorobenzene	11.022	284	165238	41.510	ng	100
69) Atrazine	11.110	200	137596	43.640	ng	100
70) Pentachlorophenol	11.210	266	95306	42.622	ng	100
71) Phenanthrene	11.439	178	713069	40.358	ng	100
72) Anthracene	11.492	178	725921	40.965	ng	100
73) Carbazole	11.639	167	620562	41.547	ng	100
74) Di-n-butylphthalate	11.975	149	736228	43.900	ng	100
75) Fluoranthene	12.627	202	673292	41.492	ng	100
77) Benzidine	12.745	184	197390	43.013	ng	100
78) Pyrene	12.851	202	682417	41.230	ng	100
80) Butylbenzylphthalate	13.474	149	210147	40.414	ng	100
81) Benzo(a)anthracene	14.039	228	511352	39.359	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	146057	41.240	ng	100
83) Chrysene	14.074	228	488373	41.818	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	286954	39.314	ng	100
85) Di-n-octyl phthalate	14.645	149	491428	41.294	ng	100
87) Indeno(1,2,3-cd)pyrene	17.021	276	581381	41.780	ng	100
88) Benzo(b)fluoranthene	15.092	252	519426	43.191	ng	100
89) Benzo(k)fluoranthene	15.121	252	411646	39.580	ng	100
90) Benzo(a)pyrene	15.463	252	429810	41.577	ng	100
91) Dibenzo(a,h)anthracene	17.039	278	479336	41.880	ng	100
92) Benzo(g,h,i)perylene	17.474	276	455630	41.325	ng	100

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

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