Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143679.D
Acq On : 09 Sep 2025 10:39
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 09 15:25:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	51759	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	200551	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	112988	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	185175	20.000	ng	0.00
76) Chrysene-d12	14.045	240	115456	20.000	ng	0.00
86) Perylene-d12	15.521	264	117544	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	124977	41.196	ng	0.00
7) Phenol-d6	6.504	99	153629	41.591	ng	0.00
23) Nitrobenzene-d5	7.445	82	131653	40.832	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	48468	42.566	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	308716	41.274	ng	0.00
79) Terphenyl-d14	12.992	244	296135	41.565	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	27755	20.510	ng	99
3) Pyridine	3.434	79	70975	20.304	ng	95
4) n-Nitrosodimethylamine	3.369	42	26857	20.226	ng	95
6) Aniline	6.551	93	99293	20.296	ng	100
8) 2-Chlorophenol	6.669	128	67137	20.491	ng	98
9) Benzaldehyde	6.439	77	44806	15.034	ng	99
10) Phenol	6.516	94	83341	20.411	ng	99
11) bis(2-Chloroethyl)ether	6.622	93	62534	20.506	ng	99
12) 1,3-Dichlorobenzene	6.834	146	76843	20.507	ng	97
13) 1,4-Dichlorobenzene	6.910	146	78263	20.692	ng	99
14) 1,2-Dichlorobenzene	7.057	146	72296	20.242	ng	98
15) Benzyl Alcohol	7.022	79	55349	20.599	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	82156	20.592	ng	99
17) 2-Methylphenol	7.128	107	54318	20.609	ng	99
18) Hexachloroethane	7.404	117	24927	20.402	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	47677	21.016	ng	99
20) 3+4-Methylphenols	7.281	107	71152	20.500	ng	92
22) Acetophenone	7.292	105	92408	20.402	ng	99
24) Nitrobenzene	7.469	77	69021	20.645	ng	98
25) Isophorone	7.704	82	125784	20.345	ng	100
26) 2-Nitrophenol	7.786	139	32862	19.992	ng	98
27) 2,4-Dimethylphenol	7.816	122	58327	19.766	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	76956	20.254	ng	99
29) 2,4-Dichlorophenol	8.022	162	61224	20.625	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	62242	20.240	ng	98
31) Naphthalene	8.192	128	200925	20.238	ng	99
32) Benzoic acid	7.886	122	32355m	17.972	ng	
33) 4-Chloroaniline	8.233	127	70979	20.537	ng	98
34) Hexachlorobutadiene	8.310	225	41282	20.581	ng	98
35) Caprolactam	8.580	113	15671	19.836	ng	98
36) 4-Chloro-3-methylphenol	8.704	107	59249	20.243	ng	98
37) 2-Methylnaphthalene	8.880	142	138476	20.376	ng	99
38) 1-Methylnaphthalene	8.980	142	132313	20.287	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	67509	20.870	ng	99
41) Hexachlorocyclopentadiene	9.039	237	32658	19.666	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	45798	21.203	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	42661	19.428	ng		97
46) 1,1'-Biphenyl	9.345	154	170247	20.930	ng		99
47) 2-Chloronaphthalene	9.369	162	132606	20.795	ng		100
48) 2-Nitroaniline	9.463	65	34775	20.607	ng		99
49) Acenaphthylene	9.786	152	189590	20.755	ng		100
50) Dimethylphthalate	9.639	163	150319	20.448	ng		100
51) 2,6-Dinitrotoluene	9.704	165	29023	20.649	ng		97
52) Acenaphthene	9.957	154	129597	20.589	ng		99
53) 3-Nitroaniline	9.869	138	30714	20.305	ng		97
54) 2,4-Dinitrophenol	9.969	184	10941	19.052	ng	#	1
55) Dibenzofuran	10.127	168	186539	20.609	ng		100
56) 4-Nitrophenol	10.010	139	24583	20.428	ng		99
57) 2,4-Dinitrotoluene	10.104	165	39667	20.736	ng		95
58) Fluorene	10.474	166	147019	20.750	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	36636	20.577	ng		98
60) Diethylphthalate	10.345	149	142360	20.627	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	74802	20.817	ng		97
62) 4-Nitroaniline	10.480	138	30144	21.041	ng		97
63) Azobenzene	10.622	77	125055	20.496	ng		98
65) 4,6-Dinitro-2-methylph...	10.510	198	17425	18.482	ng		97
66) n-Nitrosodiphenylamine	10.580	169	124787	20.570	ng		100
67) 4-Bromophenyl-phenylether	10.957	248	45665	20.450	ng		99
68) Hexachlorobenzene	11.016	284	47505	20.147	ng		95
69) Atrazine	11.104	200	40086	21.075	ng		96
70) Pentachlorophenol	11.210	266	27910	19.581	ng		97
71) Phenanthrene	11.433	178	209980	20.581	ng		99
72) Anthracene	11.486	178	212686	20.732	ng		99
73) Carbazole	11.639	167	174552	20.775	ng		100
74) Di-n-butylphthalate	11.968	149	207739	20.537	ng		99
75) Fluoranthene	12.621	202	197089	21.042	ng		100
77) Benzidine	12.739	184	69388	18.430	ng		98
78) Pyrene	12.851	202	196937	21.334	ng		100
80) Butylbenzylphthalate	13.468	149	59872	20.700	ng		99
81) Benzo(a)anthracene	14.033	228	151517	20.399	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	45683	19.992	ng		98
83) Chrysene	14.068	228	142412	20.934	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	82925	20.094	ng		99
85) Di-n-octyl phthalate	14.639	149	142412	19.257	ng		99
87) Indeno(1,2,3-cd)pyrene	17.003	276	165403	20.618	ng		99
88) Benzo(b)fluoranthene	15.086	252	137629	19.669	ng		99
89) Benzo(k)fluoranthene	15.115	252	133771	21.183	ng		99
90) Benzo(a)pyrene	15.456	252	124377	20.233	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	137209	20.615	ng		98
92) Benzo(g,h,i)perylene	17.450	276	127434	20.470	ng		99

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

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