Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143684.D
Acq On : 09 Sep 2025 15:03
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF091025

Manual Integrations APPROVED

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

Quant Time: Sep 09 16:05:42 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	61621	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	239239	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	135701	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	221042	20.000	ng	0.00
76) Chrysene-d12	14.045	240	130232	20.000	ng	0.00
86) Perylene-d12	15.521	264	129310	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	293213	81.184	ng	0.00
7) Phenol-d6	6.510	99	357854	81.374	ng	0.00
23) Nitrobenzene-d5	7.451	82	322262	83.786	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	116586	85.251	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	710939	79.141	ng	0.00
79) Terphenyl-d14	12.992	244	682319	84.903	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.693	88	63901	39.663	ng	99
3) Pyridine	3.451	79	169174	40.650	ng	98
4) n-Nitrosodimethylamine	3.404	42	64223	40.625	ng	97
6) Aniline	6.551	93	238489	40.946	ng	100
8) 2-Chlorophenol	6.675	128	160142	41.054	ng	96
9) Benzaldehyde	6.440	77	150248	42.346	ng	98
10) Phenol	6.522	94	196759m	40.476	ng	
11) bis(2-Chloroethyl)ether	6.628	93	147688	40.679	ng	98
12) 1,3-Dichlorobenzene	6.834	146	182553	40.920	ng	100
13) 1,4-Dichlorobenzene	6.910	146	182369	40.501	ng	98
14) 1,2-Dichlorobenzene	7.063	146	171682	40.375	ng	99
15) Benzyl Alcohol	7.028	79	133140	41.621	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	193205	40.676	ng	99
17) 2-Methylphenol	7.134	107	132179	42.123	ng	99
18) Hexachloroethane	7.404	117	60841	41.827	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	110835	41.037	ng	99
20) 3+4-Methylphenols	7.287	107	170831	41.342	ng	96
22) Acetophenone	7.298	105	215719	39.924	ng	97
24) Nitrobenzene	7.475	77	160692	40.293	ng	97
25) Isophorone	7.710	82	300398	40.730	ng	99
26) 2-Nitrophenol	7.787	139	86760	44.246	ng	98
27) 2,4-Dimethylphenol	7.816	122	141119	40.089	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	181315	40.004	ng	98
29) 2,4-Dichlorophenol	8.022	162	146015	41.236	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	146710	39.992	ng	99
31) Naphthalene	8.192	128	471612	39.822	ng	99
32) Benzoic acid	7.922	122	94531	44.017	ng	97
33) 4-Chloroaniline	8.239	127	167620	40.656	ng	99
34) Hexachlorobutadiene	8.310	225	97899	40.915	ng	99
35) Caprolactam	8.616	113	39696	42.120	ng	99
36) 4-Chloro-3-methylphenol	8.716	107	144035	41.254	ng	97
37) 2-Methylnaphthalene	8.886	142	319256	39.380	ng	100
38) 1-Methylnaphthalene	8.986	142	309953	39.839	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	158089	40.693	ng	100
41) Hexachlorocyclopentadiene	9.039	237	84098	42.165	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	107849	41.574	ng	99

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44)	2,4,5-Trichlorophenol	9.192	196	109448	41.502	ng		99
46)	1,1'-Biphenyl	9.351	154	396011	40.536	ng		100
47)	2-Chloronaphthalene	9.375	162	308479	40.278	ng		99
48)	2-Nitroaniline	9.463	65	89539	44.177	ng		94
49)	Acenaphthylene	9.786	152	445741	40.630	ng		100
50)	Dimethylphthalate	9.645	163	360478	40.828	ng		99
51)	2,6-Dinitrotoluene	9.710	165	77992	46.201	ng		94
52)	Acenaphthene	9.963	154	307329	40.653	ng		98
53)	3-Nitroaniline	9.875	138	80526	44.326	ng		100
54)	2,4-Dinitrophenol	9.975	184	38062	44.575	ng	#	69
55)	Dibenzofuran	10.133	168	435122	40.027	ng		99
56)	4-Nitrophenol	10.022	139	61730	42.711	ng		99
57)	2,4-Dinitrotoluene	10.110	165	99984	43.518	ng		98
58)	Fluorene	10.475	166	342139	40.207	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.245	232	89324	41.772	ng	#	98
60)	Diethylphthalate	10.345	149	345990	41.741	ng		100
61)	4-Chlorophenyl-phenyle...	10.469	204	172739	40.026	ng		99
62)	4-Nitroaniline	10.492	138	73690	42.828	ng		97
63)	Azobenzene	10.628	77	298272	40.703	ng		98
65)	4,6-Dinitro-2-methylph...	10.516	198	51333	45.613	ng		99
66)	n-Nitrosodiphenylamine	10.586	169	289318	39.954	ng		99
67)	4-Bromophenyl-phenylether	10.957	248	109435	41.055	ng		99
68)	Hexachlorobenzene	11.022	284	114029	40.514	ng		98
69)	Atrazine	11.110	200	95935	42.253	ng		100
70)	Pentachlorophenol	11.210	266	71718	42.152	ng		97
71)	Phenanthrene	11.439	178	486594	39.953	ng		99
72)	Anthracene	11.486	178	493746	40.318	ng		100
73)	Carbazole	11.639	167	408521	40.733	ng		99
74)	Di-n-butylphthalate	11.974	149	511838	42.390	ng		100
75)	Fluoranthene	12.621	202	443018	39.624	ng		99
77)	Benzidine	12.739	184	163847	38.581	ng		100
78)	Pyrene	12.851	202	445986	42.831	ng		99
80)	Butylbenzylphthalate	13.468	149	148362	45.475	ng		99
81)	Benzo(a)anthracene	14.033	228	353094	42.144	ng		99
82)	3,3'-Dichlorobenzidine	13.998	252	106725	41.406	ng		98
83)	Chrysene	14.074	228	307401	40.060	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.027	149	199124	42.777	ng		100
85)	Di-n-octyl phthalate	14.639	149	330447	39.614	ng		100
87)	Indeno(1,2,3-cd)pyrene	17.009	276	350306	39.694	ng		100
88)	Benzo(b)fluoranthene	15.086	252	319200	41.467	ng		99
89)	Benzo(k)fluoranthene	15.115	252	278625	40.107	ng		100
90)	Benzo(a)pyrene	15.457	252	279518	41.333	ng		99
91)	Dibenzo(a,h)anthracene	17.033	278	294700	40.249	ng		99
92)	Benzo(g,h,i)perylene	17.462	276	271515	39.645	ng		99

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

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