Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143591.D
Acq On : 26 Aug 2025 12:03
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 26 16:15:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	137780	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	532486	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	295079	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	460122	20.000	ng		0.00
76) Chrysene-d12	14.057	240	261773	20.000	ng		0.00
86) Perylene-d12	15.533	264	292887	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	951696	117.562	ng		0.00
7) Phenol-d6	6.516	99	1176794	117.368	ng		0.00
23) Nitrobenzene-d5	7.463	82	1006620	134.977	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	301082	130.476	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	1869545	108.326	ng		0.00
79) Terphenyl-d14	13.004	244	1653509	113.350	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	235765	59.531	ng		99
3) Pyridine	3.446	79	636556	64.009	ng		98
4) n-Nitrosodimethylamine	3.404	42	290453	61.378	ng		99
6) Aniline	6.563	93	846590	60.482	ng		99
8) 2-Chlorophenol	6.681	128	520372	60.758	ng		98
9) Benzaldehyde	6.445	77	480470	63.686	ng		98
10) Phenol	6.534	94	668560m	59.450	ng		
11) bis(2-Chloroethyl)ether	6.634	93	505924	58.711	ng		99
12) 1,3-Dichlorobenzene	6.839	146	569083	57.846	ng		99
13) 1,4-Dichlorobenzene	6.916	146	573603	57.823	ng		99
14) 1,2-Dichlorobenzene	7.063	146	549053	58.351	ng		99
15) Benzyl Alcohol	7.034	79	461530	61.420	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	916500	57.620	ng		99
17) 2-Methylphenol	7.139	107	437813	60.216	ng		99
18) Hexachloroethane	7.410	117	194548	61.721	ng		99
19) n-Nitroso-di-n-propyla...	7.316	70	380716	59.938	ng		99
20) 3+4-Methylphenols	7.298	107	524073	58.687	ng		92
22) Acetophenone	7.304	105	675596	56.337	ng	#	93
24) Nitrobenzene	7.481	77	545670	68.247	ng		99
25) Isophorone	7.722	82	1044718	59.861	ng		100
26) 2-Nitrophenol	7.792	139	226541	63.010	ng		99
27) 2,4-Dimethylphenol	7.822	122	457303	60.223	ng		99
28) bis(2-Chloroethoxy)met...	7.928	93	617374	58.469	ng		100
29) 2,4-Dichlorophenol	8.028	162	453781	62.025	ng		99
30) 1,2,4-Trichlorobenzene	8.116	180	448549	58.720	ng		100
31) Naphthalene	8.198	128	1451599	56.423	ng		100
32) Benzoic acid	7.945	122	274628	64.060	ng		97
33) 4-Chloroaniline	8.245	127	521421	57.369	ng		98
34) Hexachlorobutadiene	8.316	225	279068	57.977	ng		100
35) Caprolactam	8.633	113	132920	63.950	ng		98
36) 4-Chloro-3-methylphenol	8.722	107	472718	61.802	ng		99
37) 2-Methylnaphthalene	8.886	142	966245	56.871	ng		98
38) 1-Methylnaphthalene	8.986	142	930962	56.776	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	434888	56.661	ng		99
41) Hexachlorocyclopentadiene	9.045	237	246889	65.387	ng		98
43) 2,4,6-Trichlorophenol	9.163	196	321966	63.482	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.198	196	325359	63.486	ng		99
46)	1,1'-Biphenyl	9.357	154	1139538	55.656	ng		99
47)	2-Chloronaphthalene	9.380	162	917192	56.708	ng		99
48)	2-Nitroaniline	9.469	65	290200	63.110	ng		98
49)	Acenaphthylene	9.792	152	1337587	56.840	ng		100
50)	Dimethylphthalate	9.651	163	1065705	58.716	ng		100
51)	2,6-Dinitrotoluene	9.716	165	199989	63.848	ng		94
52)	Acenaphthene	9.969	154	877939	56.955	ng		99
53)	3-Nitroaniline	9.880	138	231736	62.988	ng	#	99
54)	2,4-Dinitrophenol	9.980	184	68520	63.601	ng		97
55)	Dibenzofuran	10.139	168	1284512	56.837	ng		100
56)	4-Nitrophenol	10.027	139	192769	62.919	ng		98
57)	2,4-Dinitrotoluene	10.116	165	260649	63.380	ng		98
58)	Fluorene	10.480	166	934500	55.074	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.251	232	254290	67.114	ng		99
60)	Diethylphthalate	10.357	149	1015342	59.694	ng		100
61)	4-Chlorophenyl-phenyle...	10.475	204	465155	56.053	ng		97
62)	4-Nitroaniline	10.498	138	216075	62.913	ng		100
63)	Azobenzene	10.633	77	996600	57.788	ng		99
65)	4,6-Dinitro-2-methylph...	10.522	198	109742	63.420	ng		98
66)	n-Nitrosodiphenylamine	10.592	169	842397	57.558	ng		100
67)	4-Bromophenyl-phenylether	10.963	248	291665	58.603	ng		97
68)	Hexachlorobenzene	11.027	284	311387	58.492	ng		99
69)	Atrazine	11.116	200	260523	61.926	ng		99
70)	Pentachlorophenol	11.216	266	200425	65.896	ng		100
71)	Phenanthrene	11.445	178	1372211	55.700	ng		100
72)	Anthracene	11.492	178	1386506	55.847	ng		99
73)	Carbazole	11.645	167	1194384	55.655	ng		99
74)	Di-n-butylphthalate	11.980	149	1336721	61.153	ng		100
75)	Fluoranthene	12.627	202	1243512	55.282	ng		100
77)	Benzidine	12.745	184	174059	28.072	ng		100
78)	Pyrene	12.857	202	1266940	57.831	ng		100
80)	Butylbenzylphthalate	13.474	149	402596	63.769	ng		99
81)	Benzo(a)anthracene	14.045	228	957974	58.169	ng		100
82)	3,3'-Dichlorobenzidine	14.004	252	262549	59.461	ng		99
83)	Chrysene	14.080	228	917582	59.784	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.039	149	500152	61.448	ng		99
85)	Di-n-octyl phthalate	14.651	149	925529	59.879	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.033	276	1256650	63.063	ng		99
88)	Benzo(b)fluoranthene	15.098	252	1040364	62.168	ng		100
89)	Benzo(k)fluoranthene	15.127	252	863077	55.159	ng		100
90)	Benzo(a)pyrene	15.468	252	904702	61.188	ng		99
91)	Dibenzo(a,h)anthracene	17.056	278	1021635	62.642	ng		100
92)	Benzo(g,h,i)perylene	17.492	276	1016575	62.960	ng		99

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

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