Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143797.D
Acq On : 23 Sep 2025 14:58
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 23 17:06:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 16:31:21 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	132440	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	482940	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	240564	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	364411	20.000	ng	0.00
76) Chrysene-d12	14.057	240	359318	20.000	ng	0.00
86) Perylene-d12	15.533	264	519571	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	948307	115.234	ng	0.00
7) Phenol-d6	6.510	99	1089571	112.196	ng	0.00
23) Nitrobenzene-d5	7.451	82	956391	124.628	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	396463	115.480	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1664507	102.249	ng	0.00
79) Terphenyl-d14	13.004	244	2132520	116.521	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	231372	59.300	ng	98
3) Pyridine	3.416	79	636709	60.455	ng	99
4) n-Nitrosodimethylamine	3.369	42	324819	61.507	ng	99
6) Aniline	6.551	93	785861	57.487	ng	100
8) 2-Chlorophenol	6.669	128	494437	59.248	ng	99
9) Benzaldehyde	6.440	77	611123	74.093	ng	99
10) Phenol	6.522	94	644396m	58.860	ng	
11) bis(2-Chloroethyl)ether	6.622	93	504773	58.819	ng	99
12) 1,3-Dichlorobenzene	6.828	146	550246	56.789	ng	99
13) 1,4-Dichlorobenzene	6.904	146	548117	56.685	ng	100
14) 1,2-Dichlorobenzene	7.057	146	520261	56.809	ng	99
15) Benzyl Alcohol	7.028	79	414075	60.843	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1178357	57.906	ng	100
17) 2-Methylphenol	7.134	107	381125	58.990	ng	99
18) Hexachloroethane	7.404	117	195969	57.629	ng	95
19) n-Nitroso-di-n-propyla...	7.304	70	345358	57.020	ng	100
20) 3+4-Methylphenols	7.287	107	454811	57.806	ng	95
22) Acetophenone	7.298	105	584748	55.128	ng	98
24) Nitrobenzene	7.469	77	523344	59.844	ng	98
25) Isophorone	7.710	82	917958	59.707	ng	99
26) 2-Nitrophenol	7.787	139	225802	62.050	ng	96
27) 2,4-Dimethylphenol	7.816	122	413744	60.209	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	567489	56.813	ng	99
29) 2,4-Dichlorophenol	8.022	162	402655	59.550	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	404040	57.579	ng	100
31) Naphthalene	8.192	128	1287223	55.678	ng	99
32) Benzoic acid	7.916	122	230784	69.608	ng	97
33) 4-Chloroaniline	8.239	127	467252	57.512	ng	99
34) Hexachlorobutadiene	8.310	225	303886	58.093	ng	99
35) Caprolactam	8.610	113	110413	63.887	ng	94
36) 4-Chloro-3-methylphenol	8.710	107	379597	59.859	ng	99
37) 2-Methylnaphthalene	8.881	142	828108	56.174	ng	99
38) 1-Methylnaphthalene	8.981	142	796215	56.428	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	405534	55.860	ng	99
41) Hexachlorocyclopentadiene	9.039	237	289489	62.918	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	282839	62.219	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.192	196	289963	60.982	ng	99
46)	1,1'-Biphenyl	9.345	154	957109	54.963	ng	99
47)	2-Chloronaphthalene	9.375	162	779426	55.605	ng	99
48)	2-Nitroaniline	9.463	65	288403	68.075	ng	97
49)	Acenaphthylene	9.786	152	1091835	56.581	ng	100
50)	Dimethylphthalate	9.639	163	859613	58.627	ng	100
51)	2,6-Dinitrotoluene	9.704	165	166977	69.313	ng	98
52)	Acenaphthene	9.957	154	704698	55.494	ng	99
53)	3-Nitroaniline	9.875	138	192607	65.960	ng	99
54)	2,4-Dinitrophenol	9.975	184	54678	61.464	ng	81
55)	Dibenzofuran	10.134	168	1004529	55.941	ng	100
56)	4-Nitrophenol	10.022	139	142495	60.557	ng	97
57)	2,4-Dinitrotoluene	10.104	165	222260	61.297	ng	99
58)	Fluorene	10.475	166	711929	53.330	ng	99
59)	2,3,4,6-Tetrachlorophenol	10.245	232	260302	63.904	ng	99
60)	Diethylphthalate	10.345	149	800261	58.305	ng	99
61)	4-Chlorophenyl-phenyle...	10.469	204	378141	55.593	ng	98
62)	4-Nitroaniline	10.486	138	175465	63.907	ng	99
63)	Azobenzene	10.628	77	839301	58.022	ng	99
65)	4,6-Dinitro-2-methylph...	10.516	198	90861	62.624	ng	91
66)	n-Nitrosodiphenylamine	10.586	169	695896	58.067	ng	99
67)	4-Bromophenyl-phenylether	10.957	248	373431	60.132	ng	99
68)	Hexachlorobenzene	11.022	284	504432	58.941	ng	99
69)	Atrazine	11.110	200	204628	58.963	ng	98
70)	Pentachlorophenol	11.216	266	277473	65.133	ng	100
71)	Phenanthrene	11.439	178	1042871	55.742	ng	99
72)	Anthracene	11.492	178	1052693	56.095	ng	100
73)	Carbazole	11.645	167	925032	56.377	ng	99
74)	Di-n-butylphthalate	11.975	149	1113894	59.029	ng	100
75)	Fluoranthene	12.627	202	1044763	55.523	ng	99
77)	Benzidine	12.751	184	596216	68.094	ng	99
78)	Pyrene	12.857	202	1089660	61.683	ng	100
80)	Butylbenzylphthalate	13.474	149	411027	67.252	ng	99
81)	Benzo(a)anthracene	14.045	228	1148366	59.491	ng	100
82)	3,3'-Dichlorobenzidine	14.010	252	517428	61.874	ng	100
83)	Chrysene	14.086	228	1014385	58.075	ng	100
84)	Bis(2-ethylhexyl)phtha...	14.039	149	556458	62.115	ng	100
85)	Di-n-octyl phthalate	14.651	149	1010224	62.167	ng	99
87)	Indeno(1,2,3-cd)pyrene	17.039	276	2413125	61.213	ng	99
88)	Benzo(b)fluoranthene	15.104	252	1562058	59.037	ng	100
89)	Benzo(k)fluoranthene	15.133	252	1604602	60.363	ng	99
90)	Benzo(a)pyrene	15.474	252	1514049	60.876	ng	99
91)	Dibenzo(a,h)anthracene	17.057	278	1959781	60.781	ng	99
92)	Benzo(g,h,i)perylene	17.492	276	1938747	62.375	ng	100

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

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