Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101725\
Data File : BF143989.D
Acq On : 17 Oct 2025 17:16
Operator : RC/JU
Sample : Q3352-04MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 17 17:36:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	84940	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	333517	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	183894	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	312055	20.000	ng		0.00
76) Chrysene-d12	14.063	240	209178	20.000	ng		0.00
86) Perylene-d12	15.545	264	234382	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	780989	146.009	ng		0.02
7) Phenol-d6	6.510	99	891823	139.879	ng		0.00
23) Nitrobenzene-d5	7.446	82	624439	113.750	ng		-0.01
42) 2,4,6-Tribromophenol	10.716	330	307460	167.862	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	1184077	102.169	ng		-0.01
79) Terphenyl-d14	13.004	244	1218467	99.554	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.811	88	127946	51.691	ng	#	78
3) Pyridine	3.528	79	327129	45.399	ng		99
4) n-Nitrosodimethylamine	3.469	42	205585	54.236	ng		93
6) Aniline	6.546	93	148617	15.556	ng		96
8) 2-Chlorophenol	6.669	128	287740	55.033	ng		97
9) Benzaldehyde	6.434	77	145008	29.484	ng		98
10) Phenol	6.528	94	374435	49.124	ng		97
11) bis(2-Chloroethyl)ether	6.616	93	325848	55.341	ng		98
12) 1,3-Dichlorobenzene	6.822	146	331565	52.977	ng		100
13) 1,4-Dichlorobenzene	6.898	146	339080	54.924	ng		99
14) 1,2-Dichlorobenzene	7.051	146	326201	55.163	ng		99
15) Benzyl Alcohol	7.022	79	282063	59.046	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	748612	55.856	ng		99
17) 2-Methylphenol	7.134	107	244806	56.654	ng		99
18) Hexachloroethane	7.393	117	110969	53.897	ng		97
19) n-Nitroso-di-n-propyla...	7.293	70	231844	53.125	ng		99
20) 3+4-Methylphenols	7.287	107	270970	54.107	ng	#	65
22) Acetophenone	7.293	105	413141	58.585	ng		99
24) Nitrobenzene	7.463	77	350310	57.464	ng		98
25) Isophorone	7.704	82	635207	54.878	ng		98
26) 2-Nitrophenol	7.781	139	164670	63.004	ng		97
27) 2,4-Dimethylphenol	7.816	122	278723	59.283	ng		97
28) bis(2-Chloroethoxy)met...	7.910	93	410216	56.104	ng		98
29) 2,4-Dichlorophenol	8.022	162	272083	55.557	ng		98
30) 1,2,4-Trichlorobenzene	8.104	180	272877	56.655	ng		99
31) Naphthalene	8.187	128	823804	54.300	ng		100
32) Benzoic acid	7.928	122	161352	49.588	ng		97
33) 4-Chloroaniline	8.234	127	62053	10.906	ng		97
34) Hexachlorobutadiene	8.304	225	177052	52.900	ng		98
35) Caprolactam	8.604	113	79908m	51.317	ng		
36) 4-Chloro-3-methylphenol	8.716	107	263386	55.989	ng		99
37) 2-Methylnaphthalene	8.875	142	513194	50.781	ng		100
38) 1-Methylnaphthalene	8.975	142	522115	53.263	ng		100
40) 1,2,4,5-Tetrachloroben...	9.045	216	302751	59.566	ng		98
41) Hexachlorocyclopentadiene	9.034	237	249519	118.337	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	203632	54.834	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.198	196	220540	56.197	ng		99
46)	1,1'-Biphenyl	9.345	154	730778	60.021	ng		99
47)	2-Chloronaphthalene	9.369	162	554506	54.624	ng		97
48)	2-Nitroaniline	9.463	65	198638	61.892	ng		99
49)	Acenaphthylene	9.787	152	885274	62.032	ng		100
50)	Dimethylphthalate	9.645	163	654970	56.086	ng		100
51)	2,6-Dinitrotoluene	9.704	165	145425	67.156	ng		97
52)	Acenaphthene	9.957	154	537847	57.515	ng		99
53)	3-Nitroaniline	9.875	138	53290	20.098	ng		97
54)	2,4-Dinitrophenol	9.987	184	122181	90.476	ng	#	88
55)	Dibenzofuran	10.128	168	730006	55.301	ng		99
56)	4-Nitrophenol	10.039	139	199491	99.366	ng		98
57)	2,4-Dinitrotoluene	10.110	165	194353	65.963	ng		99
58)	Fluorene	10.475	166	557598	55.980	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.251	232	172642	62.146	ng	#	95
60)	Diethylphthalate	10.345	149	608476	56.086	ng		100
61)	4-Chlorophenyl-phenyle...	10.463	204	287821	54.654	ng		97
62)	4-Nitroaniline	10.492	138	139399	54.671	ng		96
63)	Azobenzene	10.628	77	647215	57.080	ng		99
65)	4,6-Dinitro-2-methylph...	10.522	198	94785	60.444	ng		99
66)	n-Nitrosodiphenylamine	10.586	169	556624	56.808	ng		98
67)	4-Bromophenyl-phenylether	10.957	248	193069	55.983	ng		98
68)	Hexachlorobenzene	11.022	284	225078	56.374	ng		100
69)	Atrazine	11.110	200	182413	61.423	ng		98
70)	Pentachlorophenol	11.222	266	240521	104.891	ng		99
71)	Phenanthrene	11.439	178	834503	55.161	ng		100
72)	Anthracene	11.492	178	855144	55.952	ng		99
73)	Carbazole	11.645	167	763540	56.408	ng		99
74)	Di-n-butylphthalate	11.975	149	958093	61.072	ng		100
75)	Fluoranthene	12.633	202	890557	56.990	ng		99
77)	Benzidine	12.757	184	98888	13.615	ng		99
78)	Pyrene	12.863	202	909793	52.170	ng		99
80)	Butylbenzylphthalate	13.480	149	362178	63.948	ng		98
81)	Benzo(a)anthracene	14.051	228	816180	59.624	ng		100
82)	3,3'-Dichlorobenzidine	14.016	252	81364	19.504	ng		96
83)	Chrysene	14.092	228	701861	55.399	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.039	149	458629	67.177	ng		99
85)	Di-n-octyl phthalate	14.651	149	805297	71.817	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.057	276	855372	59.560	ng		98
88)	Benzo(b)fluoranthene	15.116	252	752500	55.891	ng		97
89)	Benzo(k)fluoranthene	15.145	252	731679	58.731	ng		99
90)	Benzo(a)pyrene	15.486	252	717939	61.497	ng		98
91)	Dibenzo(a,h)anthracene	17.074	278	696410	60.293	ng		98
92)	Benzo(g,h,i)perylene	17.510	276	676691	58.585	ng		97

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

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