Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071125\
Data File : BF143077.D
Acq On : 11 Jul 2025 15:19
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Jul 11 17:41:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 11 17:21:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.969	152	136023	20.000	ng		0.00
21) Naphthalene-d8	8.251	136	514717	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	256315	20.000	ng		0.00
64) Phenanthrene-d10	11.492	188	367747	20.000	ng		0.00
76) Chrysene-d12	14.127	240	207174	20.000	ng		0.00
86) Perylene-d12	15.633	264	253467	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.593	112	999721	116.761	ng		0.00
7) Phenol-d6	6.593	99	1244659	114.890	ng		0.00
23) Nitrobenzene-d5	7.528	82	996414	138.335	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	260665	137.400	ng		0.00
45) 2-Fluorobiphenyl	9.328	172	1812926	111.173	ng		0.00
79) Terphenyl-d14	13.075	244	1327223	110.676	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.799	88	239770	59.581	ng		98
3) Pyridine	3.575	79	582043	58.962	ng		99
4) n-Nitrosodimethylamine	3.522	42	329066	60.081	ng		99
6) Aniline	6.634	93	633259	58.689	ng		100
8) 2-Chlorophenol	6.757	128	506845	58.720	ng		97
9) Benzaldehyde	6.516	77	357011	55.062	ng		99
10) Phenol	6.604	94	652763m	58.099	ng		
11) bis(2-Chloroethyl)ether	6.704	93	502208	56.946	ng		100
12) 1,3-Dichlorobenzene	6.916	146	554512	56.982	ng		99
13) 1,4-Dichlorobenzene	6.987	146	559723	57.425	ng		100
14) 1,2-Dichlorobenzene	7.146	146	514487	56.707	ng		99
15) Benzyl Alcohol	7.104	79	487579	60.234	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.246	45	907932	56.504	ng		99
17) 2-Methylphenol	7.210	107	418360	58.653	ng		99
18) Hexachloroethane	7.487	117	191037	60.916	ng		98
19) n-Nitroso-di-n-propyla...	7.381	70	377597	56.634	ng		99
20) 3+4-Methylphenols	7.363	107	511022	58.000	ng	#	88
22) Acetophenone	7.375	105	694355	57.748	ng		98
24) Nitrobenzene	7.551	77	532121	70.874	ng		98
25) Isophorone	7.787	82	932429	59.625	ng		99
26) 2-Nitrophenol	7.863	139	208390	63.583	ng		99
27) 2,4-Dimethylphenol	7.893	122	349150	61.596	ng		98
28) bis(2-Chloroethoxy)met...	7.993	93	599404	58.278	ng		100
29) 2,4-Dichlorophenol	8.098	162	418598	62.806	ng		99
30) 1,2,4-Trichlorobenzene	8.193	180	446091	58.348	ng		99
31) Naphthalene	8.275	128	1464272	57.561	ng		100
32) Benzoic acid	8.010	122	246757m	62.989	ng		
33) 4-Chloroaniline	8.316	127	506701	58.959	ng		99
34) Hexachlorobutadiene	8.393	225	269094	59.982	ng		99
35) Caprolactam	8.687	113	119561	63.984	ng		96
36) 4-Chloro-3-methylphenol	8.787	107	445469	62.150	ng		99
37) 2-Methylnaphthalene	8.963	142	948116	57.030	ng		100
38) 1-Methylnaphthalene	9.063	142	913240	57.080	ng		100
40) 1,2,4,5-Tetrachloroben...	9.128	216	439254	58.508	ng		99
41) Hexachlorocyclopentadiene	9.122	237	132201	70.584	ng		98
43) 2,4,6-Trichlorophenol	9.234	196	275912	65.761	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	289025	66.084	ng		98
46) 1,1'-Biphenyl	9.428	154	1148801	57.077	ng		100
47) 2-Chloronaphthalene	9.451	162	850870	58.373	ng		100
48) 2-Nitroaniline	9.539	65	232812	63.477	ng		96
49) Acenaphthylene	9.869	152	1248659	58.350	ng		100
50) Dimethylphthalate	9.722	163	953606	59.869	ng		100
51) 2,6-Dinitrotoluene	9.781	165	183204	63.591	ng		95
52) Acenaphthene	10.039	154	835533	57.970	ng		100
53) 3-Nitroaniline	9.951	138	197880	63.891	ng	#	97
54) 2,4-Dinitrophenol	10.051	184	48630	64.007	ng	#	1
55) Dibenzofuran	10.210	168	1213430	57.646	ng		98
56) 4-Nitrophenol	10.092	139	145506	63.584	ng		97
57) 2,4-Dinitrotoluene	10.181	165	204655	64.503	ng		97
58) Fluorene	10.557	166	862087	55.949	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.328	232	235593	66.854	ng		99
60) Diethylphthalate	10.422	149	884109	60.322	ng		100
61) 4-Chlorophenyl-phenyle...	10.545	204	441270	57.618	ng		99
62) 4-Nitroaniline	10.563	138	158991	63.668	ng		99
63) Azobenzene	10.704	77	979957	58.732	ng		100
65) 4,6-Dinitro-2-methylph...	10.592	198	78806	63.154	ng		95
66) n-Nitrosodiphenylamine	10.663	169	750732	59.410	ng		99
67) 4-Bromophenyl-phenylether	11.034	248	261296	61.131	ng		99
68) Hexachlorobenzene	11.104	284	259845	60.413	ng		99
69) Atrazine	11.181	200	160273	59.562	ng		99
70) Pentachlorophenol	11.292	266	169934	70.416	ng		99
71) Phenanthrene	11.516	178	1167138	57.913	ng		100
72) Anthracene	11.569	178	1147322	58.412	ng		99
73) Carbazole	11.716	167	942980	58.087	ng		99
74) Di-n-butylphthalate	12.051	149	1063798	66.067	ng		99
75) Fluoranthene	12.704	202	1015362	58.576	ng		100
77) Benzidine	12.816	184	288301	70.117	ng		99
78) Pyrene	12.933	202	1009353	55.766	ng		100
80) Butylbenzylphthalate	13.545	149	227933	62.831	ng		99
81) Benzo(a)anthracene	14.116	228	819361	61.824	ng		99
82) 3,3'-Dichlorobenzidine	14.074	252	241061	66.016	ng		99
83) Chrysene	14.157	228	736168	59.233	ng		99
84) Bis(2-ethylhexyl)phtha...	14.110	149	363750	69.393	ng		99
85) Di-n-octyl phthalate	14.727	149	704675	60.467	ng		99
87) Indeno(1,2,3-cd)pyrene	17.180	276	1086880	62.396	ng		99
88) Benzo(b)fluoranthene	15.192	252	886667	59.452	ng		100
89) Benzo(k)fluoranthene	15.221	252	855192	64.928	ng		99
90) Benzo(a)pyrene	15.574	252	811110	63.650	ng		99
91) Dibenzo(a,h)anthracene	17.198	278	891034	62.645	ng		100
92) Benzo(g,h,i)perylene	17.651	276	925529	61.858	ng		99

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

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