Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142302.D
Acq On : 05 May 2025 17:15
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 05 18:39:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:17:22 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.910	152	205452	20.000	ng		0.00
21) Naphthalene-d8	8.192	136	801101	20.000	ng		0.00
39) Acenaphthene-d10	9.945	164	414811	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	679241	20.000	ng		0.00
76) Chrysene-d12	14.074	240	373928	20.000	ng		0.00
86) Perylene-d12	15.562	264	426614	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1784288	148.254	ng		0.00
7) Phenol-d6	6.534	99	2195377	148.311	ng		0.01
23) Nitrobenzene-d5	7.481	82	2128583	162.047	ng		0.01
42) 2,4,6-Tribromophenol	10.739	330	652850	163.012	ng		0.00
45) 2-Fluorobiphenyl	9.269	172	3617174	124.337	ng		0.00
79) Terphenyl-d14	13.021	244	3360156	133.004	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	419794	77.457	ng		100
3) Pyridine	3.457	79	1043726	82.025	ng		99
4) n-Nitrosodimethylamine	3.422	42	579736	78.391	ng		99
6) Aniline	6.575	93	1209360	83.294	ng		100
8) 2-Chlorophenol	6.692	128	1007022	78.300	ng		99
10) Phenol	6.551	94	1172548m	74.728	ng		
11) bis(2-Chloroethyl)ether	6.645	93	1143684m	73.913	ng		
12) 1,3-Dichlorobenzene	6.851	146	1066308	72.470	ng		99
13) 1,4-Dichlorobenzene	6.928	146	1063540	71.991	ng		99
14) 1,2-Dichlorobenzene	7.081	146	1030293	72.657	ng		99
15) Benzyl Alcohol	7.051	79	799114	83.370	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.186	45	1679925	72.703	ng		99
17) 2-Methylphenol	7.157	107	803596	77.177	ng		98
18) Hexachloroethane	7.422	117	380705	77.452	ng		99
19) n-Nitroso-di-n-propyla...	7.334	70	688261	75.168	ng		97
20) 3+4-Methylphenols	7.316	107	921424	70.906	ng	#	89
22) Acetophenone	7.322	105	1245347	69.916	ng	#	94
24) Nitrobenzene	7.498	77	978534	79.029	ng		97
25) Isophorone	7.739	82	1916388	77.044	ng		100
26) 2-Nitrophenol	7.810	139	496348	80.172	ng		99
27) 2,4-Dimethylphenol	7.839	122	958602	76.651	ng		100
28) bis(2-Chloroethoxy)met...	7.939	93	1171369	73.236	ng		100
29) 2,4-Dichlorophenol	8.045	162	832329	78.283	ng		100
30) 1,2,4-Trichlorobenzene	8.133	180	868126	72.551	ng		99
31) Naphthalene	8.216	128	2675722	68.916	ng		99
32) Benzoic acid	7.975	122	622313m	79.184	ng		
33) 4-Chloroaniline	8.263	127	1251630m	79.003	ng		
34) Hexachlorobutadiene	8.333	225	520499	73.460	ng		99
35) Caprolactam	8.651	113	261433m	84.368	ng		
36) 4-Chloro-3-methylphenol	8.739	107	840535	76.050	ng		100
37) 2-Methylnaphthalene	8.904	142	1669985	69.220	ng		98
38) 1-Methylnaphthalene	9.004	142	1714046	68.165	ng		99
40) 1,2,4,5-Tetrachloroben...	9.069	216	849773	73.349	ng		99
41) Hexachlorocyclopentadiene	9.057	237	612608	85.560	ng		100
43) 2,4,6-Trichlorophenol	9.180	196	605787	82.898	ng		99
44) 2,4,5-Trichlorophenol	9.216	196	611514	78.648	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.369	154	2173202	68.328	ng		99
47) 2-Chloronaphthalene	9.398	162	1688751	71.397	ng		99
48) 2-Nitroaniline	9.486	65	547789	90.354	ng		98
49) Acenaphthylene	9.810	152	2763028	69.830	ng		98
50) Dimethylphthalate	9.675	163	1968431	73.901	ng		100
51) 2,6-Dinitrotoluene	9.733	165	437098	87.669	ng		93
52) Acenaphthene	9.986	154	1694020	71.203	ng		99
53) 3-Nitroaniline	9.904	138	510152	87.244	ng		96
54) 2,4-Dinitrophenol	10.004	184	210652	80.686	ng	#	3
55) Dibenzofuran	10.157	168	2410169	68.642	ng		98
56) 4-Nitrophenol	10.051	139	383978	87.250	ng		97
57) 2,4-Dinitrotoluene	10.133	165	566575	88.591	ng		99
58) Fluorene	10.498	166	1792549	66.896	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	520638	81.113	ng		98
60) Diethylphthalate	10.369	149	1909012	71.766	ng		99
61) 4-Chlorophenyl-phenyle...	10.486	204	888242	68.707	ng		98
62) 4-Nitroaniline	10.516	138	323923	69.894	ng		99
63) Azobenzene	10.651	77	1821504	71.660	ng		99
65) 4,6-Dinitro-2-methylph...	10.539	198	273917	80.746	ng		96
66) n-Nitrosodiphenylamine	10.610	169	1658390	73.372	ng		100
67) 4-Bromophenyl-phenylether	10.980	248	590568	76.716	ng		98
68) Hexachlorobenzene	11.045	284	650802	76.857	ng		96
69) Atrazine	11.133	200	476112	79.910	ng		99
70) Pentachlorophenol	11.233	266	390517	87.666	ng		97
71) Phenanthrene	11.463	178	2460275	69.101	ng		98
72) Anthracene	11.516	178	2518162	68.834	ng		99
73) Carbazole	11.663	167	2274167	69.290	ng		99
74) Di-n-butylphthalate	11.992	149	2521480	73.060	ng		99
75) Fluoranthene	12.645	202	2345160	65.892	ng		99
77) Benzidine	12.774	184	504643	74.263	ng		99
78) Pyrene	12.874	202	2325631	69.874	ng		99
80) Butylbenzylphthalate	13.492	149	788213	78.621	ng		99
81) Benzo(a)anthracene	14.063	228	1782801	73.621	ng		99
82) 3,3'-Dichlorobenzidine	14.027	252	474263	84.217	ng		99
83) Chrysene	14.104	228	1687889	74.873	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	1042846	79.404	ng		100
85) Di-n-octyl phthalate	14.668	149	1969676	80.100	ng		99
87) Indeno(1,2,3-cd)pyrene	17.086	276	2392344	80.614	ng		100
88) Benzo(b)fluoranthene	15.127	252	1972745	76.350	ng		99
89) Benzo(k)fluoranthene	15.162	252	1653244	69.919	ng		100
90) Benzo(a)pyrene	15.504	252	1797975	77.653	ng		100
91) Dibenzo(a,h)anthracene	17.109	278	1926135	78.562	ng		99
92) Benzo(g,h,i)perylene	17.551	276	1951121	80.182	ng		99

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

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