Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026290.D
Acq On : 11 Dec 2025 13:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 11 13:24:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 05 14:52:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.649	152	211939	20.000	ng		0.00
21) Naphthalene-d8	10.413	136	759289	20.000	ng		0.00
39) Acenaphthene-d10	14.272	164	458934	20.000	ng		-0.02
64) Phenanthrene-d10	17.089	188	916225	20.000	ng		0.00
76) Chrysene-d12	21.542	240	1078828	20.000	ng		0.00
86) Perylene-d12	24.836	264	1314236	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.272	112	1064947	80.783	ng		0.00
7) Phenol-d6	6.831	99	1228584	73.831	ng		0.00
23) Nitrobenzene-d5	8.784	82	1129002	84.636	ng		0.00
42) 2,4,6-Tribromophenol	15.795	330	536689	89.924	ng		-0.01
45) 2-Fluorobiphenyl	12.884	172	2739823	86.796	ng		-0.02
79) Terphenyl-d14	19.836	244	4514620	85.533	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.214	88	229250	42.765	ng		98
3) Pyridine	3.608	79	608867	39.548	ng		98
4) n-Nitrosodimethylamine	3.514	42	226522	39.455	ng		97
6) Aniline	6.984	93	774714	35.479	ng		99
8) 2-Chlorophenol	7.219	128	588520	39.287	ng		99
9) Benzaldehyde	6.802	77	414229	46.176	ng		100
10) Phenol	6.861	94	658102	36.766	ng		97
11) bis(2-Chloroethyl)ether	7.078	93	520113	37.061	ng		98
12) 1,3-Dichlorobenzene	7.543	146	676982	41.763	ng		99
13) 1,4-Dichlorobenzene	7.684	146	676147	41.392	ng		99
14) 1,2-Dichlorobenzene	7.996	146	641907	40.938	ng		100
15) Benzyl Alcohol	7.884	79	436389	36.075	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.166	45	710836	36.291	ng		99
17) 2-Methylphenol	8.090	107	443737	36.526	ng		99
18) Hexachloroethane	8.713	117	252053	42.479	ng		97
19) n-Nitroso-di-n-propyla...	8.443	70	359317	35.029	ng		99
20) 3+4-Methylphenols	8.413	107	593045	35.351	ng		99
22) Acetophenone	8.455	105	792086	41.126	ng	#	99
24) Nitrobenzene	8.825	77	566199	41.992	ng		98
25) Isophorone	9.349	82	1039027	39.702	ng		99
26) 2-Nitrophenol	9.531	139	295167	43.297	ng		98
27) 2,4-Dimethylphenol	9.596	122	455402	37.742	ng		99
28) bis(2-Chloroethoxy)met...	9.825	93	648211	39.411	ng		99
29) 2,4-Dichlorophenol	10.066	162	518997	42.206	ng		99
30) 1,2,4-Trichlorobenzene	10.272	180	554124	43.837	ng		100
31) Naphthalene	10.460	128	1696431	41.327	ng		99
32) Benzoic acid	9.737	122	464188	48.023	ng		99
33) 4-Chloroaniline	10.566	127	655713	38.130	ng		99
34) Hexachlorobutadiene	10.749	225	386553	46.836	ng		99
35) Caprolactam	11.343	113	160490	36.959	ng		98
36) 4-Chloro-3-methylphenol	11.701	107	508338	39.289	ng		98
37) 2-Methylnaphthalene	12.072	142	1177758	40.710	ng		98
38) 1-Methylnaphthalene	12.290	142	1139193	40.305	ng		99
40) 1,2,4,5-Tetrachloroben...	12.448	216	623869	44.532	ng		99
41) Hexachlorocyclopentadiene	12.431	237	336061	38.456	ng		100
43) 2,4,6-Trichlorophenol	12.690	196	412278	43.301	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.766	196	454677	42.877	ng	98
46) 1,1'-Biphenyl	13.096	154	1441433	41.595	ng	99
47) 2-Chloronaphthalene	13.137	162	1147990	42.047	ng	99
48) 2-Nitroaniline	13.337	65	306186	40.945	ng	94
49) Acenaphthylene	13.990	152	1855734	41.418	ng	100
50) Dimethylphthalate	13.725	163	1423313	41.622	ng	100
51) 2,6-Dinitrotoluene	13.843	165	295141	43.674	ng	98
52) Acenaphthene	14.337	154	1056564	40.329	ng	100
53) 3-Nitroaniline	14.172	138	312816	39.599	ng	100
54) 2,4-Dinitrophenol	14.384	184	230970	64.107	ng	97
55) Dibenzofuran	14.678	168	1685286	41.365	ng	99
56) 4-Nitrophenol	14.501	139	251898	35.712	ng	97
57) 2,4-Dinitrotoluene	14.642	165	437302	43.500	ng	97
58) Fluorene	15.342	166	1352538	41.964	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.913	232	391441	43.612	ng	98
60) Diethylphthalate	15.119	149	1452724	42.356	ng	99
61) 4-Chlorophenyl-phenyle...	15.337	204	690708	42.979	ng	97
62) 4-Nitroaniline	15.348	138	316677	38.626	ng	95
63) Azobenzene	15.637	77	1159509	40.204	ng	99
65) 4,6-Dinitro-2-methylph...	15.425	198	271960	50.256	ng	97
66) n-Nitrosodiphenylamine	15.560	169	1175319	41.489	ng	100
67) 4-Bromophenyl-phenylether	16.260	248	445655	43.875	ng	98
68) Hexachlorobenzene	16.378	284	527554	44.689	ng	95
69) Atrazine	16.542	200	444550	41.737	ng	99
70) Pentachlorophenol	16.731	266	359588	43.908	ng	99
71) Phenanthrene	17.131	178	2185647	42.315	ng	99
72) Anthracene	17.225	178	2206996	41.951	ng	99
73) Carbazole	17.513	167	2072105	41.604	ng	100
74) Di-n-butylphthalate	18.113	149	2575233	43.766	ng	99
75) Fluoranthene	19.230	202	2720177	43.273	ng	98
77) Benzidine	19.430	184	1122419	33.138	ng	99
78) Pyrene	19.607	202	2844442	40.460	ng	100
80) Butylbenzylphthalate	20.572	149	1279060	41.456	ng	95
81) Benzo(a)anthracene	21.519	228	3069025	41.471	ng	100
82) 3,3'-Dichlorobenzidine	21.442	252	1129853	41.962	ng	100
83) Chrysene	21.589	228	2889089	41.230	ng	100
84) Bis(2-ethylhexyl)phtha...	21.477	149	2011868	43.349	ng	99
85) Di-n-octyl phthalate	22.742	149	3550451	43.393	ng	98
87) Indeno(1,2,3-cd)pyrene	28.577	276	4361207m	43.908	ng	
88) Benzo(b)fluoranthene	23.795	252	3259554	40.809	ng	98
89) Benzo(k)fluoranthene	23.866	252	3377701	42.275	ng	100
90) Benzo(a)pyrene	24.677	252	3176066	41.935	ng	98
91) Dibenzo(a,h)anthracene	28.665	278	3555575	43.766	ng	99
92) Benzo(g,h,i)perylene	29.742	276	3577730	44.176	ng	97

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

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