Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101525\
Data File : BP025978.D
Acq On : 15 Oct 2025 17:13
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Oct 15 23:11:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 15 23:04:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.696	152	207121	20.000	ng		0.00
21) Naphthalene-d8	10.460	136	917814	20.000	ng		0.00
39) Acenaphthene-d10	14.319	164	635446	20.000	ng		0.00
64) Phenanthrene-d10	17.125	188	1266860	20.000	ng		0.00
76) Chrysene-d12	21.583	240	1000938	20.000	ng		0.00
86) Perylene-d12	24.913	264	977865	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.337	112	1510358	119.557	ng		0.00
7) Phenol-d6	6.908	99	2143630	121.592	ng		0.00
23) Nitrobenzene-d5	8.849	82	2418063	118.419	ng		0.00
42) 2,4,6-Tribromophenol	15.848	330	1077756	125.986	ng		0.00
45) 2-Fluorobiphenyl	12.931	172	5452201	109.974	ng		0.00
79) Terphenyl-d14	19.860	244	7593058	121.237	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.249	88	268190	53.595	ng		100
3) Pyridine	3.649	79	826826	59.212	ng		99
4) n-Nitrosodimethylamine	3.561	42	360901	58.974	ng		98
6) Aniline	7.043	93	1442954	61.137	ng		98
8) 2-Chlorophenol	7.284	128	884353	60.405	ng		100
9) Benzaldehyde	6.861	77	528119	56.137	ng		99
10) Phenol	6.931	94	1124432	63.171	ng		99
11) bis(2-Chloroethyl)ether	7.137	93	879603	60.605	ng		99
12) 1,3-Dichlorobenzene	7.590	146	939636	57.890	ng		100
13) 1,4-Dichlorobenzene	7.731	146	960841	58.101	ng		99
14) 1,2-Dichlorobenzene	8.049	146	937197	57.930	ng		98
15) Benzyl Alcohol	7.955	79	912359	60.802	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.219	45	1305875	58.428	ng		100
17) 2-Methylphenol	8.160	107	782114	61.302	ng		99
18) Hexachloroethane	8.760	117	361663	57.308	ng		97
19) n-Nitroso-di-n-propyla...	8.502	70	762006	60.632	ng		99
20) 3+4-Methylphenols	8.484	107	1055951	59.400	ng		97
22) Acetophenone	8.519	105	1473523	59.055	ng	#	98
24) Nitrobenzene	8.890	77	1084935	59.748	ng		98
25) Isophorone	9.419	82	2187867	59.657	ng		100
26) 2-Nitrophenol	9.596	139	556761	63.312	ng		100
27) 2,4-Dimethylphenol	9.666	122	905215	60.745	ng		98
28) bis(2-Chloroethoxy)met...	9.878	93	1289741	60.118	ng		98
29) 2,4-Dichlorophenol	10.143	162	925728	62.345	ng		98
30) 1,2,4-Trichlorobenzene	10.331	180	985889	58.648	ng		99
31) Naphthalene	10.513	128	2879306	58.155	ng		100
32) Benzoic acid	9.925	122	715383	66.121	ng		99
33) 4-Chloroaniline	10.637	127	1307885	62.204	ng		98
34) Hexachlorobutadiene	10.790	225	650093	58.435	ng		100
35) Caprolactam	11.478	113	333061	63.032	ng		96
36) 4-Chloro-3-methylphenol	11.784	107	1074230	61.622	ng		97
37) 2-Methylnaphthalene	12.119	142	1898400	58.563	ng		99
38) 1-Methylnaphthalene	12.348	142	1992258	58.266	ng		98
40) 1,2,4,5-Tetrachloroben...	12.496	216	1209113	58.434	ng		100
41) Hexachlorocyclopentadiene	12.466	237	697307	58.710	ng		99
43) 2,4,6-Trichlorophenol	12.748	196	810705	61.726	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.848	196	874208	61.125	ng		99
46) 1,1'-Biphenyl	13.143	154	2788881	58.101	ng		99
47) 2-Chloronaphthalene	13.184	162	2171753	57.865	ng		99
48) 2-Nitroaniline	13.413	65	731080	62.499	ng		98
49) Acenaphthylene	14.042	152	3484718	57.423	ng		99
50) Dimethylphthalate	13.778	163	2850681	59.352	ng		100
51) 2,6-Dinitrotoluene	13.907	165	633734	61.110	ng		99
52) Acenaphthene	14.384	154	2015028	57.502	ng		100
53) 3-Nitroaniline	14.248	138	658648	64.532	ng		99
54) 2,4-Dinitrophenol	14.466	184	419714	60.945	ng		97
55) Dibenzofuran	14.725	168	3180822	56.687	ng		99
56) 4-Nitrophenol	14.607	139	436129	69.625	ng		98
57) 2,4-Dinitrotoluene	14.707	165	878055	62.487	ng		92
58) Fluorene	15.384	166	2561731	56.817	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.972	232	798707	62.238	ng		99
60) Diethylphthalate	15.154	149	2806056	59.253	ng		100
61) 4-Chlorophenyl-phenyle...	15.372	204	1374892	57.989	ng		100
62) 4-Nitroaniline	15.437	138	613935	65.273	ng		98
63) Azobenzene	15.678	77	2611029	59.152	ng		99
65) 4,6-Dinitro-2-methylph...	15.495	198	581359	63.494	ng		99
66) n-Nitrosodiphenylamine	15.601	169	2320393	56.929	ng		99
67) 4-Bromophenyl-phenylether	16.295	248	906674	57.984	ng		99
68) Hexachlorobenzene	16.413	284	1024919	58.427	ng		98
69) Atrazine	16.589	200	888612	60.433	ng		98
70) Pentachlorophenol	16.778	266	603630	64.950	ng		97
71) Phenanthrene	17.172	178	4105577	57.180	ng		99
72) Anthracene	17.272	178	4197852	57.235	ng		100
73) Carbazole	17.554	167	3787172	58.575	ng		99
74) Di-n-butylphthalate	18.131	149	4688320	58.922	ng		100
75) Fluoranthene	19.260	202	4649285	57.404	ng		98
77) Benzidine	19.466	184	2080786	64.879	ng		100
78) Pyrene	19.636	202	4643064	62.893	ng		100
80) Butylbenzylphthalate	20.589	149	1845898	62.832	ng		99
81) Benzo(a)anthracene	21.566	228	4108604	60.016	ng		99
82) 3,3'-Dichlorobenzidine	21.483	252	1389385	57.031	ng		99
83) Chrysene	21.636	228	3758514	57.420	ng		100
84) Bis(2-ethylhexyl)phtha...	21.477	149	2319735	57.196	ng		99
85) Di-n-octyl phthalate	22.736	149	3836064	55.393	ng		100
87) Indeno(1,2,3-cd)pyrene	28.730	276	4480119	60.821	ng	#	88
88) Benzo(b)fluoranthene	23.854	252	3719143	61.069	ng		100
89) Benzo(k)fluoranthene	23.930	252	3584480	57.995	ng		99
90) Benzo(a)pyrene	24.760	252	3538984	59.807	ng		99
91) Dibenzo(a,h)anthracene	28.789	278	3677453	61.243	ng		99
92) Benzo(g,h,i)perylene	29.906	276	3589984	61.019	ng		98

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

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