Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061625\
Data File : BP024959.D
Acq On : 16 Jun 2025 13:36
Operator : RC/JU
Sample : PB168456BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168456BS

Quant Time: Jun 16 14:25:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.608	152	328600	20.000	ng		0.00
21) Naphthalene-d8	10.378	136	1260909	20.000	ng		0.00
39) Acenaphthene-d10	14.249	164	718849	20.000	ng		0.00
64) Phenanthrene-d10	17.054	188	1268587	20.000	ng		0.00
76) Chrysene-d12	21.495	240	1223109	20.000	ng		0.01
86) Perylene-d12	24.760	264	1486300	20.000	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.243	112	2928975	148.784	ng		0.00
7) Phenol-d6	6.819	99	3557511	136.582	ng		0.00
23) Nitrobenzene-d5	8.761	82	2196387	84.645	ng		0.00
42) 2,4,6-Tribromophenol	15.784	330	1387842	139.643	ng		0.00
45) 2-Fluorobiphenyl	12.860	172	4695276	87.989	ng		0.00
79) Terphenyl-d14	19.789	244	6043937	88.563	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.167	88	316047	36.486	ng		99
3) Pyridine	3.561	79	830863	39.885	ng		98
4) n-Nitrosodimethylamine	3.478	42	390420	45.843	ng		96
6) Aniline	6.949	93	1233741	37.116	ng		99
8) 2-Chlorophenol	7.184	128	1123987	50.365	ng		99
9) Benzaldehyde	6.761	77	518718	34.551	ng		100
10) Phenol	6.843	94	1316415	49.026	ng		98
11) bis(2-Chloroethyl)ether	7.043	93	1005016	47.588	ng		99
12) 1,3-Dichlorobenzene	7.496	146	1166810	46.867	ng		98
13) 1,4-Dichlorobenzene	7.637	146	1176350	46.829	ng		99
14) 1,2-Dichlorobenzene	7.949	146	1133269	45.942	ng		99
15) Benzyl Alcohol	7.861	79	936806	46.863	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.119	45	1263501	45.710	ng		99
17) 2-Methylphenol	8.072	107	883933	47.142	ng		98
18) Hexachloroethane	8.666	117	438343	46.349	ng		98
19) n-Nitroso-di-n-propyla...	8.408	70	744840	42.065	ng		100
20) 3+4-Methylphenols	8.396	107	1154919	45.146	ng		96
22) Acetophenone	8.425	105	1515435	47.570	ng	#	99
24) Nitrobenzene	8.802	77	1117473	48.476	ng		99
25) Isophorone	9.325	82	2055947	45.717	ng		100
26) 2-Nitrophenol	9.508	139	590354	51.904	ng		98
27) 2,4-Dimethylphenol	9.578	122	960077	49.321	ng		98
28) bis(2-Chloroethoxy)met...	9.796	93	1288530	48.033	ng		99
29) 2,4-Dichlorophenol	10.055	162	961517	51.479	ng		99
30) 1,2,4-Trichlorobenzene	10.243	180	1014221	48.144	ng		100
31) Naphthalene	10.431	128	3106409	48.074	ng		99
32) Benzoic acid	9.790	122	654783	49.777	ng		97
33) 4-Chloroaniline	10.555	127	642739	23.742	ng		99
34) Hexachlorobutadiene	10.708	225	642297	50.586	ng		100
35) Caprolactam	11.360	113	290691	42.281	ng		97
36) 4-Chloro-3-methylphenol	11.707	107	1019944	47.344	ng		100
37) 2-Methylnaphthalene	12.049	142	1943163	47.408	ng		100
38) 1-Methylnaphthalene	12.272	142	2019613	46.088	ng		98
40) 1,2,4,5-Tetrachloroben...	12.425	216	1076394	52.770	ng		99
41) Hexachlorocyclopentadiene	12.396	237	1324279	106.442	ng		98
43) 2,4,6-Trichlorophenol	12.684	196	729433	53.249	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	792022	53.989	ng		98
46) 1,1'-Biphenyl	13.072	154	2696914	51.625	ng		99
47) 2-Chloronaphthalene	13.119	162	2070610	51.571	ng		100
48) 2-Nitroaniline	13.343	65	617505	50.026	ng		95
49) Acenaphthylene	13.972	152	3312325	49.477	ng		100
50) Dimethylphthalate	13.713	163	2510961	47.351	ng		100
51) 2,6-Dinitrotoluene	13.843	165	562957	49.245	ng		98
52) Acenaphthene	14.313	154	1900355	49.537	ng		99
53) 3-Nitroaniline	14.184	138	358175	30.191	ng		100
54) 2,4-Dinitrophenol	14.407	184	709102	94.198	ng		95
55) Dibenzofuran	14.660	168	2952003	47.939	ng		100
56) 4-Nitrophenol	14.543	139	833506	82.788	ng		99
57) 2,4-Dinitrotoluene	14.648	165	764915	47.833	ng		96
58) Fluorene	15.325	166	2371123	47.666	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.901	232	650753	49.648	ng		99
60) Diethylphthalate	15.101	149	2499846	47.302	ng		99
61) 4-Chlorophenyl-phenyle...	15.319	204	1185863	48.755	ng		97
62) 4-Nitroaniline	15.372	138	511114	47.516	ng		93
63) Azobenzene	15.619	77	2324635	47.961	ng		98
65) 4,6-Dinitro-2-methylph...	15.437	198	436282	52.339	ng		97
66) n-Nitrosodiphenylamine	15.543	169	2061801	52.436	ng		100
67) 4-Bromophenyl-phenylether	16.231	248	766194	53.528	ng		96
68) Hexachlorobenzene	16.354	284	910568	52.475	ng		97
69) Atrazine	16.519	200	725483	50.896	ng		98
70) Pentachlorophenol	16.719	266	1058592	117.873	ng		100
71) Phenanthrene	17.101	178	3461052	49.370	ng		99
72) Anthracene	17.195	178	3567799	50.251	ng		99
73) Carbazole	17.484	167	3257560	49.500	ng		99
74) Di-n-butylphthalate	18.066	149	4105497	50.352	ng		100
75) Fluoranthene	19.195	202	3800091	46.768	ng		99
77) Benzidine	19.401	184	1493140	39.416	ng		99
78) Pyrene	19.572	202	3898349	51.017	ng		100
80) Butylbenzylphthalate	20.519	149	1845415	52.724	ng		99
81) Benzo(a)anthracene	21.472	228	3932450	50.269	ng		100
82) 3,3'-Dichlorobenzidine	21.401	252	1121819	36.122	ng		99
83) Chrysene	21.542	228	3696870	49.875	ng		99
84) Bis(2-ethylhexyl)phtha...	21.401	149	2748569	54.809	ng		100
85) Di-n-octyl phthalate	22.642	149	4910375	55.553	ng		99
87) Indeno(1,2,3-cd)pyrene	28.483	276	5723970	52.783	ng	#	88
88) Benzo(b)fluoranthene	23.724	252	4270474	50.205	ng		99
89) Benzo(k)fluoranthene	23.795	252	4343786	50.168	ng		99
90) Benzo(a)pyrene	24.619	252	4240653	51.049	ng		100
91) Dibenzo(a,h)anthracene	28.542	278	4708442	53.341	ng		100
92) Benzo(g,h,i)perylene	29.624	276	4651568	53.111	ng		100

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

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