Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061625\
Data File : BP024960.D
Acq On : 16 Jun 2025 14:16
Operator : RC/JU
Sample : PB168456BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168456BSD

Quant Time: Jun 16 15:04:58 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	7.607	152	300318	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1127509	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	625659	20.000	ng	0.00
64) Phenanthrene-d10	17.048	188	1053362	20.000	ng	-0.01
76) Chrysene-d12	21.489	240	1022393	20.000	ng	0.00
86) Perylene-d12	24.754	264	1331886	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	2824748	157.003	ng	0.00
7) Phenol-d6	6.819	99	3406263	143.091	ng	0.00
23) Nitrobenzene-d5	8.766	82	2111444	90.998	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	1213492	140.287	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	4343189	93.514	ng	0.00
79) Terphenyl-d14	19.783	244	5277867	92.521	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.172	88	329696	41.646	ng	99
3) Pyridine	3.567	79	866633	45.520	ng	100
4) n-Nitrosodimethylamine	3.478	42	399295	51.300	ng	100
6) Aniline	6.955	93	1016624	33.465	ng	99
8) 2-Chlorophenol	7.190	128	1081170	53.009	ng	99
9) Benzaldehyde	6.766	77	509772	37.153	ng	99
10) Phenol	6.843	94	1274827	51.948	ng	99
11) bis(2-Chloroethyl)ether	7.043	93	973409	50.432	ng	99
12) 1,3-Dichlorobenzene	7.496	146	1153467	50.695	ng	99
13) 1,4-Dichlorobenzene	7.643	146	1160430	50.546	ng	99
14) 1,2-Dichlorobenzene	7.955	146	1110903	49.277	ng	99
15) Benzyl Alcohol	7.860	79	903393	49.448	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.125	45	1208271	47.828	ng	99
17) 2-Methylphenol	8.072	107	849825	49.591	ng	99
18) Hexachloroethane	8.666	117	428585	49.585	ng	98
19) n-Nitroso-di-n-propyla...	8.413	70	716587	44.281	ng	99
20) 3+4-Methylphenols	8.402	107	1115027	47.691	ng	99
22) Acetophenone	8.431	105	1479966	51.953	ng	99
24) Nitrobenzene	8.807	77	1088416	52.802	ng	98
25) Isophorone	9.325	82	1950487	48.503	ng	100
26) 2-Nitrophenol	9.507	139	566440	55.693	ng	99
27) 2,4-Dimethylphenol	9.584	122	904616	51.970	ng	98
28) bis(2-Chloroethoxy)met...	9.802	93	1190959	49.648	ng	99
29) 2,4-Dichlorophenol	10.060	162	902272	54.023	ng	100
30) 1,2,4-Trichlorobenzene	10.249	180	983669	52.218	ng	99
31) Naphthalene	10.431	128	2995722	51.846	ng	100
32) Benzoic acid	9.790	122	616633	52.423	ng	97
33) 4-Chloroaniline	10.560	127	494356	20.421	ng	99
34) Hexachlorobutadiene	10.701	225	604832	53.272	ng	100
35) Caprolactam	11.360	113	271177	44.109	ng	97
36) 4-Chloro-3-methylphenol	11.707	107	939773	48.783	ng	99
37) 2-Methylnaphthalene	12.048	142	1831831	49.980	ng	100
38) 1-Methylnaphthalene	12.272	142	1896481	48.399	ng	99
40) 1,2,4,5-Tetrachloroben...	12.425	216	1014609	57.150	ng	99
41) Hexachlorocyclopentadiene	12.390	237	1203555	111.148	ng	99
43) 2,4,6-Trichlorophenol	12.684	196	670687	56.254	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	726345	56.886	ng		99
46) 1,1'-Biphenyl	13.072	154	2483307	54.616	ng		99
47) 2-Chloronaphthalene	13.113	162	1924434	55.069	ng		99
48) 2-Nitroaniline	13.342	65	564868	52.577	ng		96
49) Acenaphthylene	13.972	152	3046288	52.281	ng		100
50) Dimethylphthalate	13.713	163	2277628	49.349	ng		100
51) 2,6-Dinitrotoluene	13.842	165	502765	50.530	ng		99
52) Acenaphthene	14.319	154	1732109	51.876	ng		99
53) 3-Nitroaniline	14.190	138	286283	27.726	ng		97
54) 2,4-Dinitrophenol	14.407	184	616532	94.106	ng		96
55) Dibenzofuran	14.666	168	2681705	50.036	ng		99
56) 4-Nitrophenol	14.548	139	748342	85.229	ng		98
57) 2,4-Dinitrotoluene	14.654	165	696065	50.011	ng		95
58) Fluorene	15.319	166	2179367	50.337	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.907	232	587811	51.525	ng		98
60) Diethylphthalate	15.095	149	2215961	48.176	ng		99
61) 4-Chlorophenyl-phenyle...	15.313	204	1069518	50.521	ng		99
62) 4-Nitroaniline	15.366	138	455753	48.680	ng		93
63) Azobenzene	15.613	77	2104115	49.877	ng		98
65) 4,6-Dinitro-2-methylph...	15.431	198	380210	54.931	ng		98
66) n-Nitrosodiphenylamine	15.537	169	1863262	57.069	ng		100
67) 4-Bromophenyl-phenylether	16.225	248	680067	57.219	ng		99
68) Hexachlorobenzene	16.348	284	808329	56.101	ng		97
69) Atrazine	16.513	200	632604	53.448	ng		98
70) Pentachlorophenol	16.707	266	946716	126.955	ng		100
71) Phenanthrene	17.095	178	3107189	53.379	ng		100
72) Anthracene	17.189	178	3201537	54.306	ng		99
73) Carbazole	17.478	167	2931227	53.642	ng		99
74) Di-n-butylphthalate	18.054	149	3548729	52.416	ng		99
75) Fluoranthene	19.189	202	3406999	50.498	ng		100
77) Benzidine	19.389	184	1243278	39.263	ng		100
78) Pyrene	19.566	202	3513223	55.003	ng		100
80) Butylbenzylphthalate	20.507	149	1620594	55.391	ng		98
81) Benzo(a)anthracene	21.471	228	3516983	53.785	ng		99
82) 3,3'-Dichlorobenzidine	21.395	252	997490	38.424	ng		99
83) Chrysene	21.542	228	3330466	53.753	ng		100
84) Bis(2-ethylhexyl)phtha...	21.401	149	2401880	57.299	ng		99
85) Di-n-octyl phthalate	22.636	149	4341073	58.754	ng		99
87) Indeno(1,2,3-cd)pyrene	28.471	276	5532808	56.935	ng	#	88
88) Benzo(b)fluoranthene	23.724	252	3989328	52.337	ng		99
89) Benzo(k)fluoranthene	23.789	252	4030627	51.948	ng		99
90) Benzo(a)pyrene	24.601	252	3972376	53.364	ng		100
91) Dibenzo(a,h)anthracene	28.530	278	4533409	57.312	ng		99
92) Benzo(g,h,i)perylene	29.624	276	4462482	56.860	ng		100

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

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