Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062025\
Data File : BP025017.D
Acq On : 20 Jun 2025 14:13
Operator : RC/JU
Sample : PB168556BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168556BS

Quant Time: Jun 20 14:41:56 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	7.602	152	282027	20.000	ng		-0.01
21) Naphthalene-d8	10.372	136	1118467	20.000	ng		0.00
39) Acenaphthene-d10	14.254	164	710318	20.000	ng		0.00
64) Phenanthrene-d10	17.054	188	1392852	20.000	ng		0.00
76) Chrysene-d12	21.495	240	1420178	20.000	ng		0.01
86) Perylene-d12	24.771	264	1651105	20.000	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.237	112	2463999	145.834	ng		0.00
7) Phenol-d6	6.813	99	3097167	138.544	ng		0.00
23) Nitrobenzene-d5	8.760	82	1834552	79.704	ng		0.00
42) 2,4,6-Tribromophenol	15.784	330	1504063	153.155	ng		0.00
45) 2-Fluorobiphenyl	12.854	172	4347345	82.448	ng		0.00
79) Terphenyl-d14	19.777	244	6942137	87.609	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.161	88	257599	34.650	ng		99
3) Pyridine	3.561	79	692940	38.757	ng		99
4) n-Nitrosodimethylamine	3.478	42	311050	42.555	ng		94
6) Aniline	6.949	93	870008	30.496	ng		100
8) 2-Chlorophenol	7.184	128	941966	49.179	ng		99
9) Benzaldehyde	6.766	77	584605	45.370	ng		98
10) Phenol	6.843	94	1118929	48.553	ng		97
11) bis(2-Chloroethyl)ether	7.043	93	823265	45.419	ng		98
12) 1,3-Dichlorobenzene	7.496	146	967229	45.267	ng		98
13) 1,4-Dichlorobenzene	7.637	146	983362	45.611	ng		99
14) 1,2-Dichlorobenzene	7.949	146	949848	44.865	ng		100
15) Benzyl Alcohol	7.860	79	790546	46.077	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.125	45	1006624	42.431	ng		98
17) 2-Methylphenol	8.072	107	765675	47.578	ng		98
18) Hexachloroethane	8.660	117	356965	43.977	ng		98
19) n-Nitroso-di-n-propyla...	8.407	70	632529	41.621	ng		99
20) 3+4-Methylphenols	8.402	107	1024001	46.639	ng		97
22) Acetophenone	8.425	105	1292168	45.727	ng		100
24) Nitrobenzene	8.802	77	928543	45.410	ng		98
25) Isophorone	9.319	82	1768736	44.339	ng		98
26) 2-Nitrophenol	9.507	139	505053	50.059	ng		97
27) 2,4-Dimethylphenol	9.578	122	855158	49.526	ng		97
28) bis(2-Chloroethoxy)met...	9.796	93	1089306	45.778	ng	#	98
29) 2,4-Dichlorophenol	10.060	162	865212	52.223	ng		98
30) 1,2,4-Trichlorobenzene	10.243	180	878022	46.986	ng		98
31) Naphthalene	10.425	128	2685678	46.856	ng		99
32) Benzoic acid	9.796	122	619771	53.116	ng		96
33) 4-Chloroaniline	10.560	127	621243	25.870	ng		99
34) Hexachlorobutadiene	10.701	225	533203	47.342	ng		99
35) Caprolactam	11.366	113	294176	48.237	ng		97
36) 4-Chloro-3-methylphenol	11.707	107	938915	49.133	ng		99
37) 2-Methylnaphthalene	12.043	142	1721551	47.350	ng		99
38) 1-Methylnaphthalene	12.272	142	1820478	46.835	ng		99
40) 1,2,4,5-Tetrachloroben...	12.419	216	975285	48.388	ng		99
41) Hexachlorocyclopentadiene	12.390	237	1045683	85.059	ng		99
43) 2,4,6-Trichlorophenol	12.684	196	683807	50.518	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	752239	51.893	ng		97
46) 1,1'-Biphenyl	13.066	154	2448223	47.427	ng		99
47) 2-Chloronaphthalene	13.113	162	1888736	47.606	ng		99
48) 2-Nitroaniline	13.342	65	569526	46.693	ng		92
49) Acenaphthylene	13.972	152	3151248	47.636	ng		100
50) Dimethylphthalate	13.713	163	2478907	47.308	ng		100
51) 2,6-Dinitrotoluene	13.842	165	546540	48.383	ng		95
52) Acenaphthene	14.319	154	1784193	47.067	ng		100
53) 3-Nitroaniline	14.190	138	331846	28.308	ng		96
54) 2,4-Dinitrophenol	14.413	184	732583	98.233	ng		94
55) Dibenzofuran	14.666	168	2854888	46.918	ng		99
56) 4-Nitrophenol	14.560	139	783243	78.995	ng		98
57) 2,4-Dinitrotoluene	14.654	165	784061	49.620	ng		96
58) Fluorene	15.319	166	2339944	47.604	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.907	232	662977	51.188	ng		96
60) Diethylphthalate	15.095	149	2468521	47.270	ng		100
61) 4-Chlorophenyl-phenyle...	15.313	204	1147669	47.752	ng		98
62) 4-Nitroaniline	15.378	138	537109	50.532	ng		91
63) Azobenzene	15.613	77	2214842	46.244	ng		98
65) 4,6-Dinitro-2-methylph...	15.442	198	466737	50.997	ng		99
66) n-Nitrosodiphenylamine	15.542	169	2067674	47.894	ng		100
67) 4-Bromophenyl-phenylether	16.225	248	773694	49.230	ng		99
68) Hexachlorobenzene	16.348	284	939819	49.329	ng		97
69) Atrazine	16.525	200	782258	49.983	ng		100
70) Pentachlorophenol	16.719	266	1144737	116.093	ng		98
71) Phenanthrene	17.095	178	3614538	46.960	ng		99
72) Anthracene	17.195	178	3720344	47.725	ng		100
73) Carbazole	17.489	167	3505760	48.519	ng		99
74) Di-n-butylphthalate	18.060	149	4262949	47.618	ng		100
75) Fluoranthene	19.189	202	4208830	47.177	ng		100
77) Benzidine	19.395	184	1968258	44.748	ng		99
78) Pyrene	19.566	202	4396166	49.548	ng		99
80) Butylbenzylphthalate	20.513	149	1991876	49.012	ng		96
81) Benzo(a)anthracene	21.471	228	4406047	48.508	ng		100
82) 3,3'-Dichlorobenzidine	21.401	252	1249689	34.655	ng		99
83) Chrysene	21.542	228	4164349	48.386	ng		99
84) Bis(2-ethylhexyl)phtha...	21.395	149	2846234	48.881	ng		100
85) Di-n-octyl phthalate	22.642	149	4919656	47.934	ng		99
87) Indeno(1,2,3-cd)pyrene	28.495	276	6179696	51.297	ng	#	87
88) Benzo(b)fluoranthene	23.736	252	4681660	49.545	ng		99
89) Benzo(k)fluoranthene	23.801	252	4748312	49.366	ng		100
90) Benzo(a)pyrene	24.612	252	4614137	50.001	ng		100
91) Dibenzo(a,h)anthracene	28.565	278	5092914	51.938	ng		99
92) Benzo(g,h,i)perylene	29.642	276	4908796	50.454	ng		99

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

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