Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
Data File : BP025173.D
Acq On : 17 Jul 2025 11:26
Operator : CG/JU
Sample : PB168875BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168875BS

Quant Time: Jul 17 11:57:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	573459	20.000	ng	0.00
21) Naphthalene-d8	10.190	136	2200322	20.000	ng	0.00
39) Acenaphthene-d10	14.095	164	1403172	20.000	ng	0.00
64) Phenanthrene-d10	16.925	188	2849469	20.000	ng	0.02
76) Chrysene-d12	21.366	240	2923114	20.000	ng	0.02
86) Perylene-d12	24.501	264	3399638	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	4157557	128.459	ng	0.00
7) Phenol-d6	6.649	99	5007638	118.564	ng	0.02
23) Nitrobenzene-d5	8.578	82	3009478	90.962	ng	0.01
42) 2,4,6-Tribromophenol	15.625	330	2599734	156.836	ng	0.00
45) 2-Fluorobiphenyl	12.701	172	7801050	86.127	ng	0.00
79) Terphenyl-d14	19.677	244	12222378	91.896	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	446773	35.500	ng	98
3) Pyridine	3.490	79	1247879	36.217	ng	97
4) n-Nitrosodimethylamine	3.402	42	573534	39.313	ng	91
6) Aniline	6.784	93	2000864	50.704	ng	99
8) 2-Chlorophenol	7.019	128	1712777	47.299	ng	99
9) Benzaldehyde	6.602	77	998604	45.273	ng	98
10) Phenol	6.672	94	1917826	44.689	ng	98
11) bis(2-Chloroethyl)ether	6.884	93	1417287	42.912	ng	98
12) 1,3-Dichlorobenzene	7.337	146	1840844	45.422	ng	99
13) 1,4-Dichlorobenzene	7.478	146	1864116	45.430	ng	98
14) 1,2-Dichlorobenzene	7.784	146	1799120	45.580	ng	99
15) Benzyl Alcohol	7.678	79	1292442	45.848	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.966	45	1794034	41.775	ng	97
17) 2-Methylphenol	7.884	107	1323497	47.876	ng	99
18) Hexachloroethane	8.502	117	650538	48.667	ng	96
19) n-Nitroso-di-n-propyla...	8.243	70	1044602	41.704	ng	96
20) 3+4-Methylphenols	8.207	107	1796704	46.402	ng	99
22) Acetophenone	8.249	105	2265382	43.534	ng	98
24) Nitrobenzene	8.613	77	1559355	46.272	ng	96
25) Isophorone	9.143	82	2972831	48.081	ng	98
26) 2-Nitrophenol	9.313	139	906294	54.909	ng	99
27) 2,4-Dimethylphenol	9.390	122	1546214	67.039	ng	99
28) bis(2-Chloroethoxy)met...	9.625	93	1902359	45.313	ng	100
29) 2,4-Dichlorophenol	9.849	162	1605908	50.214	ng	99
30) 1,2,4-Trichlorobenzene	10.054	180	1686690	47.625	ng	99
31) Naphthalene	10.243	128	4896472	43.217	ng	100
32) Benzoic acid	9.543	122	1244662	53.240	ng	96
33) 4-Chloroaniline	10.349	127	1432536	33.881	ng	98
34) Hexachlorobutadiene	10.543	225	1008037	49.598	ng	99
35) Caprolactam	11.137	113	521227m	47.641	ng	
36) 4-Chloro-3-methylphenol	11.501	107	1586588	47.473	ng	98
37) 2-Methylnaphthalene	11.872	142	3189197	39.894	ng	99
38) 1-Methylnaphthalene	12.095	142	3322529	42.616	ng	99
40) 1,2,4,5-Tetrachloroben...	12.254	216	1864625	46.238	ng	99
41) Hexachlorocyclopentadiene	12.237	237	2430324	230.722	ng	99
43) 2,4,6-Trichlorophenol	12.507	196	1333285	54.601	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.578	196	1463581	52.887	ng	98
46) 1,1'-Biphenyl	12.919	154	4540455	44.474	ng	99
47) 2-Chloronaphthalene	12.948	162	3500400	45.617	ng	99
48) 2-Nitroaniline	13.154	65	913402	48.559	ng	93
49) Acenaphthylene	13.813	152	5794230	49.336	ng	100
50) Dimethylphthalate	13.566	163	4548585	46.309	ng	99
51) 2,6-Dinitrotoluene	13.678	165	1003824	52.401	ng	91
52) Acenaphthene	14.160	154	3306858	43.686	ng	99
53) 3-Nitroaniline	14.007	138	831009	40.479	ng	100
54) 2,4-Dinitrophenol	14.213	184	1257373	130.649	ng	93
55) Dibenzofuran	14.507	168	5315701	42.552	ng	100
56) 4-Nitrophenol	14.348	139	1980952	104.561	ng	96
57) 2,4-Dinitrotoluene	14.478	165	1413232	50.142	ng	93
58) Fluorene	15.178	166	4211082	43.582	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.754	232	1305659	52.101	ng	95
60) Diethylphthalate	14.972	149	4504090	45.656	ng	100
61) 4-Chlorophenyl-phenyle...	15.178	204	2141416	44.782	ng	96
62) 4-Nitroaniline	15.195	138	1138677	52.896	ng	95
63) Azobenzene	15.478	77	3627824	41.297	ng	97
65) 4,6-Dinitro-2-methylph...	15.260	198	837739	62.676	ng	97
66) n-Nitrosodiphenylamine	15.407	169	3851506	47.230	ng	99
67) 4-Bromophenyl-phenylether	16.107	248	1491714	51.129	ng	98
68) Hexachlorobenzene	16.207	284	1767093	49.553	ng	97
69) Atrazine	16.401	200	1472459	61.619	ng	99
70) Pentachlorophenol	16.572	266	2488566	103.331	ng	99
71) Phenanthrene	16.966	178	6849837	44.988	ng	99
72) Anthracene	17.054	178	7047833	48.249	ng	100
73) Carbazole	17.342	167	6653686	46.587	ng	99
74) Di-n-butylphthalate	17.966	149	8146778	51.223	ng	99
75) Fluoranthene	19.072	202	8162635	45.864	ng	99
77) Benzidine	19.266	184	5624106	108.939	ng	98
78) Pyrene	19.448	202	8465334	46.756	ng	99
80) Butylbenzylphthalate	20.424	149	3780983	53.727	ng	100
81) Benzo(a)anthracene	21.348	228	8482051	47.882	ng	100
82) 3,3'-Dichlorobenzidine	21.271	252	2555924	47.929	ng	100
83) Chrysene	21.407	228	7772130	45.591	ng	99
84) Bis(2-ethylhexyl)phtha...	21.324	149	5418713	57.028	ng	99
85) Di-n-octyl phthalate	22.548	149	9348178	52.936	ng	98
87) Indeno(1,2,3-cd)pyrene	28.059	276	11532356m	53.249	ng	
88) Benzo(b)fluoranthene	23.518	252	9079068	45.883	ng	99
89) Benzo(k)fluoranthene	23.589	252	8743621	44.410	ng	99
90) Benzo(a)pyrene	24.348	252	8610064	51.125	ng	99
91) Dibenzo(a,h)anthracene	28.142	278	9349413	52.225	ng	99
92) Benzo(g,h,i)perylene	29.159	276	9233315	49.927	ng	99

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

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