Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025140.D
Acq On : 15 Jul 2025 10:58
Operator : CG/JU
Sample : PB168787BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Quant Time: Jul 15 11:55:13 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	578947	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	2205741	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1344565	20.000	ng	0.00
64) Phenanthrene-d10	16.895	188	2600633	20.000	ng	-0.01
76) Chrysene-d12	21.348	240	2649430	20.000	ng	0.00
86) Perylene-d12	24.471	264	2985173	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	4616973	141.301	ng	0.01
7) Phenol-d6	6.643	99	5015815	117.632	ng	0.01
23) Nitrobenzene-d5	8.572	82	3014318	90.884	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	2360358	148.602	ng	-0.01
45) 2-Fluorobiphenyl	12.689	172	7592628	87.480	ng	0.00
79) Terphenyl-d14	19.671	244	11546522	95.782	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.125	88	513144	40.387	ng	99
3) Pyridine	3.490	79	1471902	42.314	ng	98
4) n-Nitrosodimethylamine	3.408	42	670765	45.542	ng	91
6) Aniline	6.784	93	1794184	45.035	ng	99
8) 2-Chlorophenol	7.013	128	1724893	47.182	ng	99
9) Benzaldehyde	6.596	77	1009931	45.352	ng	97
10) Phenol	6.666	94	1944799	44.888	ng	99
11) bis(2-Chloroethyl)ether	6.884	93	1443733	43.298	ng	98
12) 1,3-Dichlorobenzene	7.331	146	1869457	45.691	ng	99
13) 1,4-Dichlorobenzene	7.478	146	1895611	45.760	ng	98
14) 1,2-Dichlorobenzene	7.784	146	1815429	45.557	ng	99
15) Benzyl Alcohol	7.672	79	1312465	46.117	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.960	45	1806415	41.665	ng	98
17) 2-Methylphenol	7.884	107	1320223	47.305	ng	99
18) Hexachloroethane	8.496	117	660299	48.929	ng	99
19) n-Nitroso-di-n-propyla...	8.243	70	1056663	41.786	ng	97
20) 3+4-Methylphenols	8.207	107	1787025	45.714	ng	99
22) Acetophenone	8.249	105	2262936	43.380	ng	98
24) Nitrobenzene	8.613	77	1579610	46.758	ng	95
25) Isophorone	9.131	82	2967267	47.873	ng	99
26) 2-Nitrophenol	9.313	139	886062	53.633	ng	99
27) 2,4-Dimethylphenol	9.384	122	1524268	65.925	ng	100
28) bis(2-Chloroethoxy)met...	9.619	93	1881129	44.698	ng	99
29) 2,4-Dichlorophenol	9.837	162	1571601	49.020	ng	100
30) 1,2,4-Trichlorobenzene	10.054	180	1678478	47.277	ng	97
31) Naphthalene	10.237	128	4967059	43.732	ng	100
32) Benzoic acid	9.531	122	1154131	49.712	ng	98
33) 4-Chloroaniline	10.343	127	1159532	27.356	ng	99
34) Hexachlorobutadiene	10.531	225	1015833	49.859	ng	99
35) Caprolactam	11.125	113	485189m	44.238	ng	
36) 4-Chloro-3-methylphenol	11.484	107	1544733	46.107	ng	100
37) 2-Methylnaphthalene	11.860	142	3133351	39.099	ng	100
38) 1-Methylnaphthalene	12.090	142	3257312	41.677	ng	100
40) 1,2,4,5-Tetrachloroben...	12.237	216	1820826	47.120	ng	99
41) Hexachlorocyclopentadiene	12.231	237	2423523	240.105	ng	99
43) 2,4,6-Trichlorophenol	12.490	196	1252788	53.541	ng	100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	1379402	52.018	ng		98
46) 1,1'-Biphenyl	12.901	154	4432784	45.312	ng		100
47) 2-Chloronaphthalene	12.937	162	3446635	46.874	ng		99
48) 2-Nitroaniline	13.142	65	889225	49.290	ng		95
49) Acenaphthylene	13.795	152	5677000	50.445	ng		100
50) Dimethylphthalate	13.554	163	4274143	45.412	ng		99
51) 2,6-Dinitrotoluene	13.660	165	952950	51.914	ng		92
52) Acenaphthene	14.148	154	3196819	44.073	ng		99
53) 3-Nitroaniline	13.989	138	663658	33.736	ng		100
54) 2,4-Dinitrophenol	14.201	184	1110577	120.847	ng		95
55) Dibenzofuran	14.489	168	5124164	42.806	ng		99
56) 4-Nitrophenol	14.325	139	1823520	100.446	ng		94
57) 2,4-Dinitrotoluene	14.454	165	1345947	49.853	ng		92
58) Fluorene	15.160	166	4089317	44.166	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.731	232	1210477	50.408	ng		97
60) Diethylphthalate	14.960	149	4304454	45.534	ng		100
61) 4-Chlorophenyl-phenyle...	15.160	204	2046693	44.667	ng		99
62) 4-Nitroaniline	15.178	138	1014937	49.203	ng		98
63) Azobenzene	15.466	77	3516056	41.769	ng		95
65) 4,6-Dinitro-2-methylph...	15.242	198	728904	60.012	ng		98
66) n-Nitrosodiphenylamine	15.389	169	3676393	49.396	ng		100
67) 4-Bromophenyl-phenylether	16.083	248	1373072	51.565	ng		97
68) Hexachlorobenzene	16.195	284	1621227	49.813	ng		98
69) Atrazine	16.383	200	1367167	62.687	ng		98
70) Pentachlorophenol	16.542	266	2249506	102.342	ng		99
71) Phenanthrene	16.942	178	6502117	46.790	ng		99
72) Anthracene	17.042	178	6587542	49.413	ng		100
73) Carbazole	17.319	167	6276914	48.154	ng		100
74) Di-n-butylphthalate	17.954	149	7509386	51.733	ng		99
75) Fluoranthene	19.054	202	7600190	46.789	ng		99
77) Benzidine	19.254	184	3443348	73.587	ng		97
78) Pyrene	19.430	202	7883795	48.043	ng		100
80) Butylbenzylphthalate	20.424	149	3454852	54.134	ng		99
81) Benzo(a)anthracene	21.324	228	7841380	48.838	ng		99
82) 3,3'-Dichlorobenzidine	21.254	252	2025908	41.914	ng		100
83) Chrysene	21.389	228	7214825	46.694	ng		100
84) Bis(2-ethylhexyl)phtha...	21.318	149	4929216	57.235	ng		99
85) Di-n-octyl phthalate	22.530	149	8420149	52.644	ng		98
87) Indeno(1,2,3-cd)pyrene	28.012	276	10133048	53.284	ng	#	93
88) Benzo(b)fluoranthene	23.483	252	7993085	46.003	ng		100
89) Benzo(k)fluoranthene	23.554	252	8142182	47.097	ng		99
90) Benzo(a)pyrene	24.324	252	7808984	52.806	ng		100
91) Dibenzo(a,h)anthracene	28.083	278	8279761	52.671	ng		98
92) Benzo(g,h,i)perylene	29.100	276	8188896	50.428	ng		99

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

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