Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072925\
Data File : BP025263.D
Acq On : 29 Jul 2025 15:57
Operator : CG/JU
Sample : PB169045BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 29 16:25:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 29 15:28:11 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB169045BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/30/2025
Supervised By :Jagrut Upadhyay 07/30/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.402	152	395184	20.000	ng		0.00
21) Naphthalene-d8	10.143	136	1597487	20.000	ng		0.00
39) Acenaphthene-d10	14.043	164	1063390	20.000	ng		0.00
64) Phenanthrene-d10	16.878	188	2167842	20.000	ng		0.00
76) Chrysene-d12	21.301	240	2293729	20.000	ng		0.00
86) Perylene-d12	24.418	264	2662274	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.102	112	2955585	126.368	ng		0.00
7) Phenol-d6	6.649	99	3710808	128.101	ng		0.00
23) Nitrobenzene-d5	8.537	82	2195474	76.376	ng		0.00
42) 2,4,6-Tribromophenol	15.584	330	1880267	119.940	ng		0.00
45) 2-Fluorobiphenyl	12.643	172	5792118	76.790	ng		0.00
79) Terphenyl-d14	19.630	244	9813270	84.455	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.102	88	302701	34.532	ng		97
3) Pyridine	3.496	79	825944	35.199	ng		97
4) n-Nitrosodimethylamine	3.390	42	405085	43.532	ng	#	90
6) Aniline	6.772	93	676805	17.874	ng		99
8) 2-Chlorophenol	6.996	128	1229504	46.331	ng		98
9) Benzaldehyde	6.572	77	556900	28.355	ng		99
10) Phenol	6.672	94	1406906	46.832	ng		97
11) bis(2-Chloroethyl)ether	6.855	93	1284489	55.771	ng		95
12) 1,3-Dichlorobenzene	7.290	146	1273297	42.667	ng		99
13) 1,4-Dichlorobenzene	7.437	146	1287789	42.751	ng		100
14) 1,2-Dichlorobenzene	7.743	146	1234555	42.603	ng		99
15) Benzyl Alcohol	7.666	79	819370	39.213	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.925	45	1337065	45.371	ng		98
17) 2-Methylphenol	7.878	107	976380	46.880	ng		98
18) Hexachloroethane	8.449	117	438956	42.373	ng		99
19) n-Nitroso-di-n-propyla...	8.213	70	764789	43.886	ng		97
20) 3+4-Methylphenols	8.208	107	1312023	46.182	ng	#	62
22) Acetophenone	8.219	105	1633333	43.939	ng	#	94
24) Nitrobenzene	8.578	77	1159599	45.253	ng		95
25) Isophorone	9.119	82	2151369	42.559	ng		99
26) 2-Nitrophenol	9.278	139	630121	42.822	ng		98
27) 2,4-Dimethylphenol	9.378	122	1138276	46.229	ng		98
28) bis(2-Chloroethoxy)met...	9.578	93	1427060	45.133	ng		99
29) 2,4-Dichlorophenol	9.849	162	1185398	46.861	ng		99
30) 1,2,4-Trichlorobenzene	10.007	180	1199047	43.398	ng		99
31) Naphthalene	10.190	128	3577245	43.761	ng		100
32) Benzoic acid	9.584	122	609061	32.401	ng		97
33) 4-Chloroaniline	10.354	127	910884	25.349	ng		98
34) Hexachlorobutadiene	10.484	225	697594	41.949	ng		99
35) Caprolactam	11.219	113	367841	43.814	ng		95
36) 4-Chloro-3-methylphenol	11.501	107	1177950	46.583	ng		99
37) 2-Methylnaphthalene	11.819	142	2370160	44.652	ng		100
38) 1-Methylnaphthalene	12.037	142	2487135	44.606	ng		99
40) 1,2,4,5-Tetrachloroben...	12.201	216	1369601	42.968	ng		99
41) Hexachlorocyclopentadiene	12.184	237	1796272	94.403	ng		100
43) 2,4,6-Trichlorophenol	12.466	196	975232	44.778	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.572	196	1067909	44.557	ng	98
46) 1,1'-Biphenyl	12.866	154	3478907	45.129	ng	99
47) 2-Chloronaphthalene	12.901	162	2673539	44.423	ng	100
48) 2-Nitroaniline	13.131	65	718641	46.758	ng	97
49) Acenaphthylene	13.754	152	4461361	45.831	ng	100
50) Dimethylphthalate	13.525	163	3485584	45.833	ng	99
51) 2,6-Dinitrotoluene	13.637	165	773989	46.839	ng	93
52) Acenaphthene	14.107	154	2503893	44.482	ng	99
53) 3-Nitroaniline	13.990	138	692503	37.162	ng	98
54) 2,4-Dinitrophenol	14.190	184	963644	98.424	ng	98
55) Dibenzofuran	14.460	168	4088599	44.967	ng	97
56) 4-Nitrophenol	14.378	139	934838	58.626	ng	95
57) 2,4-Dinitrotoluene	14.442	165	1112768	48.107	ng	93
58) Fluorene	15.131	166	3353179	46.453	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.719	232	963998	45.449	ng	99
60) Diethylphthalate	14.931	149	3517931	46.933	ng	99
61) 4-Chlorophenyl-phenyle...	15.131	204	1678699	46.023	ng	100
62) 4-Nitroaniline	15.178	138	728115	38.420	ng	93
63) Azobenzene	15.431	77	2936436	48.074	ng	96
65) 4,6-Dinitro-2-methylph...	15.231	198	661853	47.308	ng	98
66) n-Nitrosodiphenylamine	15.360	169	3037516	46.163	ng	100
67) 4-Bromophenyl-phenylether	16.054	248	1103254	43.607	ng	100
68) Hexachlorobenzene	16.160	284	1337847	44.528	ng	96
69) Atrazine	16.360	200	1013652	41.631	ng	99
70) Pentachlorophenol	16.531	266	1668273	81.653	ng	99
71) Phenanthrene	16.919	178	5397957	46.167	ng	100
72) Anthracene	17.001	178	5551682	47.133	ng	100
73) Carbazole	17.301	167	5224148	46.461	ng	100
74) Di-n-butylphthalate	17.919	149	6202495	47.808	ng	99
75) Fluoranthene	19.019	202	6462389	46.963	ng	99
77) Benzidine	19.242	184	2891155	35.902	ng	99
78) Pyrene	19.401	202	6648277	47.008	ng	99
80) Butylbenzylphthalate	20.383	149	2947236	46.036	ng	96
81) Benzo(a)anthracene	21.283	228	6742573	46.549	ng	100
82) 3,3'-Dichlorobenzidine	21.230	252	2064178	34.378	ng	99
83) Chrysene	21.348	228	6323741	46.767	ng	99
84) Bis(2-ethylhexyl)phtha...	21.260	149	4213555	46.029	ng	100
85) Di-n-octyl phthalate	22.466	149	7162351	45.310	ng	100
87) Indeno(1,2,3-cd)pyrene	27.924	276	8735277	44.899	ng	99
88) Benzo(b)fluoranthene	23.442	252	7222114	47.392	ng	99
89) Benzo(k)fluoranthene	23.513	252	6975768	46.368	ng	99
90) Benzo(a)pyrene	24.271	252	6892794	46.358	ng	100
91) Dibenzo(a,h)anthracene	27.995	278	7198071	45.349	ng	99
92) Benzo(g,h,i)perylene	28.989	276	7209603m	46.219	ng	

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

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