Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050825\
Data File : BP024570.D
Acq On : 08 May 2025 16:07
Operator : RC/JU
Sample : PB167904BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 08 16:42:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB167904BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.705	152	175167	20.000	ng		-0.02
21) Naphthalene-d8	10.475	136	732511	20.000	ng		#-0.02
39) Acenaphthene-d10	14.328	164	497695	20.000	ng		-0.02
64) Phenanthrene-d10	17.134	188	979666	20.000	ng		#-0.01
76) Chrysene-d12	21.575	240	1019336	20.000	ng		#-0.02
86) Perylene-d12	24.898	264	1024841	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.328	112	1467895	138.559	ng		-0.02
7) Phenol-d6	6.899	99	1846598	127.298	ng		-0.01
23) Nitrobenzene-d5	8.852	82	1130867	88.031	ng		-0.02
42) 2,4,6-Tribromophenol	15.851	330	1208690	175.532	ng		-0.01
45) 2-Fluorobiphenyl	12.946	172	2961395	91.104	ng		-0.02
79) Terphenyl-d14	19.857	244	5174977	102.330	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.276	88	155062	34.604	ng	#	92
3) Pyridine	3.664	79	392229	33.148	ng	#	89
4) n-Nitrosodimethylamine	3.581	42	197341	50.253	ng	#	71
6) Aniline	7.046	93	584331	45.078	ng		98
8) 2-Chlorophenol	7.281	128	569451	48.144	ng		98
9) Benzaldehyde	6.858	77	215548	30.039	ng		99
10) Phenol	6.922	94	668130	45.914	ng		89
11) bis(2-Chloroethyl)ether	7.134	93	472724	40.319	ng		99
12) 1,3-Dichlorobenzene	7.593	146	571193	44.856	ng		99
13) 1,4-Dichlorobenzene	7.740	146	577199	44.675	ng		99
14) 1,2-Dichlorobenzene	8.052	146	560913	44.960	ng		99
15) Benzyl Alcohol	7.946	79	465865	49.660	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.222	45	548968	43.318	ng		100
17) 2-Methylphenol	8.152	107	475468	50.508	ng		96
18) Hexachloroethane	8.769	117	218631	46.825	ng		95
19) n-Nitroso-di-n-propyla...	8.505	70	384521	42.847	ng		94
20) 3+4-Methylphenols	8.475	107	653624	50.041	ng		98
22) Acetophenone	8.516	105	794605	43.828	ng	#	96
24) Nitrobenzene	8.893	77	562229	44.241	ng		98
25) Isophorone	9.416	82	1102296	47.405	ng		97
26) 2-Nitrophenol	9.599	139	315406	50.716	ng	#	93
27) 2,4-Dimethylphenol	9.663	122	552984	70.815	ng		97
28) bis(2-Chloroethoxy)met...	9.893	93	675879	43.027	ng		99
29) 2,4-Dichlorophenol	10.134	162	561902	52.774	ng		99
30) 1,2,4-Trichlorobenzene	10.340	180	536581	47.036	ng		100
31) Naphthalene	10.522	128	1677067	43.463	ng		99
32) Benzoic acid	9.846	122	374414	41.149	ng		99
33) 4-Chloroaniline	10.646	127	356521	26.237	ng		99
34) Hexachlorobutadiene	10.805	225	344271	51.356	ng		99
35) Caprolactam	11.446	113	196242m	49.951	ng		
36) 4-Chloro-3-methylphenol	11.775	107	658827	53.124	ng		99
37) 2-Methylnaphthalene	12.134	142	1125224	42.049	ng		97
38) 1-Methylnaphthalene	12.357	142	1190789	45.487	ng		98
40) 1,2,4,5-Tetrachloroben...	12.510	216	641022	46.835	ng		98
41) Hexachlorocyclopentadiene	12.487	237	889691	183.797	ng		98
43) 2,4,6-Trichlorophenol	12.757	196	475847	52.293	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	524586	52.059	ng		98
46) 1,1'-Biphenyl	13.157	154	1632780	44.632	ng		98
47) 2-Chloronaphthalene	13.199	162	1234859	45.164	ng		98
48) 2-Nitroaniline	13.410	65	402707	52.508	ng		94
49) Acenaphthylene	14.051	152	2132979	49.549	ng		99
50) Dimethylphthalate	13.793	163	1752656	48.425	ng		100
51) 2,6-Dinitrotoluene	13.910	165	383012	49.835	ng		91
52) Acenaphthene	14.398	154	1225957	44.922	ng		99
53) 3-Nitroaniline	14.251	138	318498	39.430	ng		99
54) 2,4-Dinitrophenol	14.463	184	493492	109.007	ng		91
55) Dibenzofuran	14.740	168	1968680	44.132	ng		96
56) 4-Nitrophenol	14.593	139	673353	96.520	ng		90
57) 2,4-Dinitrotoluene	14.710	165	569881	54.357	ng		98
58) Fluorene	15.393	166	1621926	46.967	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.975	232	470855	50.663	ng		99
60) Diethylphthalate	15.175	149	1770392	47.466	ng		100
61) 4-Chlorophenyl-phenyle...	15.393	204	813013	48.482	ng		98
62) 4-Nitroaniline	15.434	138	409802	47.924	ng		85
63) Azobenzene	15.693	77	1492279	43.531	ng		94
65) 4,6-Dinitro-2-methylph...	15.493	198	321014	51.974	ng		94
66) n-Nitrosodiphenylamine	15.616	169	1421507	48.614	ng		99
67) 4-Bromophenyl-phenylether	16.304	248	570417	53.238	ng		98
68) Hexachlorobenzene	16.428	284	699484	54.940	ng		99
69) Atrazine	16.592	200	550524	73.922	ng		97
70) Pentachlorophenol	16.787	266	946297	106.541	ng		100
71) Phenanthrene	17.175	178	2499026	46.760	ng		100
72) Anthracene	17.269	178	2594917	50.379	ng		100
73) Carbazole	17.557	167	2428994	48.263	ng		99
74) Di-n-butylphthalate	18.139	149	3175548	50.645	ng		99
75) Fluoranthene	19.263	202	2999313	47.187	ng		96
77) Benzidine	19.463	184	1434382	111.012	ng		99
78) Pyrene	19.633	202	3062088	47.269	ng		99
80) Butylbenzylphthalate	20.586	149	1408621	50.767	ng		96
81) Benzo(a)anthracene	21.545	228	3060293	48.302	ng		100
82) 3,3'-Dichlorobenzidine	21.480	252	753351	33.877	ng		99
83) Chrysene	21.622	228	2811892	46.325	ng		100
84) Bis(2-ethylhexyl)phtha...	21.480	149	1999200	49.150	ng		100
85) Di-n-octyl phthalate	22.751	149	3196061	48.332	ng		100
87) Indeno(1,2,3-cd)pyrene	28.674	276	3290167	46.243	ng	#	96
88) Benzo(b)fluoranthene	23.845	252	2918757	47.514	ng	#	97
89) Benzo(k)fluoranthene	23.921	252	2931273	49.400	ng	#	97
90) Benzo(a)pyrene	24.751	252	2750615	51.909	ng	#	97
91) Dibenzo(a,h)anthracene	28.751	278	2694984	45.635	ng		97
92) Benzo(g,h,i)perylene	29.845	276	2599244	43.241	ng	#	94

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

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