Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100925\
Data File : BP025964.D
Acq On : 09 Oct 2025 14:25
Operator : RC/JU
Sample : PB170038BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 09 14:55:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 08 16:22:13 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB170038BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli
10/10/2025
Supervised By :Jagrut Upadhyay
10/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.725	152	152689	20.000	ng		0.00
21) Naphthalene-d8	10.496	136	611710	20.000	ng		0.00
39) Acenaphthene-d10	14.331	164	415846	20.000	ng		0.00
64) Phenanthrene-d10	17.130	188	858852	20.000	ng		0.00
76) Chrysene-d12	21.571	240	890284	20.000	ng		0.00
86) Perylene-d12	24.907	264	850955	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.372	112	1154465	123.405	ng		0.00
7) Phenol-d6	6.937	99	1497011	121.177	ng		0.00
23) Nitrobenzene-d5	8.878	82	957771	70.075	ng		0.00
42) 2,4,6-Tribromophenol	15.854	330	680657	131.067	ng		0.00
45) 2-Fluorobiphenyl	12.948	172	2240710	72.384	ng		0.00
79) Terphenyl-d14	19.848	244	3754933	76.051	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.296	88	122039	31.419	ng		98
3) Pyridine	3.696	79	343301	32.040	ng		95
4) n-Nitrosodimethylamine	3.608	42	176960	35.436	ng		90
6) Aniline	7.072	93	468036	27.702	ng		99
8) 2-Chlorophenol	7.313	128	460689	44.891	ng		98
9) Benzaldehyde	6.896	77	81728	10.134	ng		99
10) Phenol	6.966	94	579250	44.577	ng		97
11) bis(2-Chloroethyl)ether	7.160	93	426172	40.893	ng		97
12) 1,3-Dichlorobenzene	7.619	146	473534	40.548	ng		98
13) 1,4-Dichlorobenzene	7.760	146	485209	40.751	ng		99
14) 1,2-Dichlorobenzene	8.072	146	463126	40.170	ng		99
15) Benzyl Alcohol	7.978	79	430882	42.332	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.243	45	615885	36.581	ng		96
17) 2-Methylphenol	8.190	107	394592	44.978	ng		98
18) Hexachloroethane	8.784	117	181260	39.959	ng		98
19) n-Nitroso-di-n-propyla...	8.525	70	342807	40.137	ng		94
20) 3+4-Methylphenols	8.513	107	526758	43.194	ng		99
22) Acetophenone	8.549	105	682769	42.292	ng	#	98
24) Nitrobenzene	8.919	77	506405	41.375	ng		97
25) Isophorone	9.443	82	969247	40.408	ng		100
26) 2-Nitrophenol	9.619	139	251585	45.622	ng		92
27) 2,4-Dimethylphenol	9.690	122	433409	45.579	ng		98
28) bis(2-Chloroethoxy)met...	9.901	93	584985	42.013	ng		98
29) 2,4-Dichlorophenol	10.184	162	451747	47.160	ng		98
30) 1,2,4-Trichlorobenzene	10.354	180	460738	42.547	ng		97
31) Naphthalene	10.543	128	1350166	41.376	ng		100
32) Benzoic acid	9.901	122	338472m	47.967	ng		
33) 4-Chloroaniline	10.666	127	387783	28.650	ng		99
34) Hexachlorobutadiene	10.819	225	298919	42.682	ng		99
35) Caprolactam	11.478	113	153625	40.611	ng		88
36) 4-Chloro-3-methylphenol	11.807	107	514060	45.289	ng		96
37) 2-Methylnaphthalene	12.148	142	885427	42.365	ng		99
38) 1-Methylnaphthalene	12.372	142	920280	41.379	ng		100
40) 1,2,4,5-Tetrachloroben...	12.519	216	551645	43.834	ng		99
41) Hexachlorocyclopentadiene	12.490	237	382619	55.068	ng		99
43) 2,4,6-Trichlorophenol	12.778	196	376652	45.770	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.872	196	410865	45.030	ng		96
46) 1,1'-Biphenyl	13.160	154	1284271	42.538	ng		99
47) 2-Chloronaphthalene	13.207	162	998413	41.884	ng		100
48) 2-Nitroaniline	13.425	65	337023	42.877	ng		91
49) Acenaphthylene	14.054	152	1647944	41.889	ng		100
50) Dimethylphthalate	13.789	163	1337347	42.688	ng		100
51) 2,6-Dinitrotoluene	13.913	165	298962	44.829	ng		97
52) Acenaphthene	14.401	154	936324	41.321	ng		99
53) 3-Nitroaniline	14.260	138	244818	35.079	ng		98
54) 2,4-Dinitrophenol	14.484	184	363240	82.841	ng		97
55) Dibenzofuran	14.736	168	1536487	41.627	ng		100
56) 4-Nitrophenol	14.631	139	390856	65.388	ng		94
57) 2,4-Dinitrotoluene	14.725	165	424825	44.963	ng		94
58) Fluorene	15.395	166	1254131	42.764	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.984	232	381920	46.599	ng	#	92
60) Diethylphthalate	15.166	149	1370729	43.014	ng		99
61) 4-Chlorophenyl-phenyle...	15.384	204	649035	43.594	ng		97
62) 4-Nitroaniline	15.442	138	291562	41.249	ng		95
63) Azobenzene	15.689	77	1232509	40.425	ng		95
65) 4,6-Dinitro-2-methylph...	15.507	198	262218	45.661	ng		88
66) n-Nitrosodiphenylamine	15.607	169	1128049	43.315	ng		99
67) 4-Bromophenyl-phenylether	16.295	248	427454	45.366	ng		98
68) Hexachlorobenzene	16.419	284	482039	45.660	ng		93
69) Atrazine	16.583	200	408322	41.135	ng		97
70) Pentachlorophenol	16.783	266	591436	87.746	ng		100
71) Phenanthrene	17.172	178	2027214	42.134	ng		99
72) Anthracene	17.260	178	2066932	42.287	ng		99
73) Carbazole	17.554	167	1939614	43.001	ng		99
74) Di-n-butylphthalate	18.119	149	2431372	43.679	ng		99
75) Fluoranthene	19.260	202	2481153	43.050	ng		99
77) Benzidine	19.466	184	689308	26.875	ng		100
78) Pyrene	19.630	202	2567905	43.533	ng		99
80) Butylbenzylphthalate	20.571	149	1125042	43.687	ng		99
81) Benzo(a)anthracene	21.548	228	2565368	42.568	ng		99
82) 3,3'-Dichlorobenzidine	21.471	252	801416	38.194	ng		99
83) Chrysene	21.618	228	2472097	42.965	ng		100
84) Bis(2-ethylhexyl)phtha...	21.466	149	1618190	43.220	ng		100
85) Di-n-octyl phthalate	22.730	149	2839917	42.381	ng		97
87) Indeno(1,2,3-cd)pyrene	28.700	276	2895989	47.366	ng	#	78
88) Benzo(b)fluoranthene	23.860	252	2526209	49.355	ng		98
89) Benzo(k)fluoranthene	23.924	252	2529832	48.419	ng		98
90) Benzo(a)pyrene	24.748	252	2381619	47.412	ng		99
91) Dibenzo(a,h)anthracene	28.747	278	2439957	48.690	ng		98
92) Benzo(g,h,i)perylene	29.895	276	2379908m	48.279	ng		

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

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