Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025305.D
Acq On : 05 Aug 2025 16:51
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 06 06:04:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.802	152	285381	20.000	ng		0.00
21) Naphthalene-d8	10.572	136	1243913	20.000	ng		0.00
39) Acenaphthene-d10	14.419	164	769412	20.000	ng		0.00
64) Phenanthrene-d10	17.219	188	1520824	20.000	ng		0.00
76) Chrysene-d12	21.666	240	1412527	20.000	ng		0.00
86) Perylene-d12	25.048	264	1639865	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	2797073	156.621	ng		0.00
7) Phenol-d6	6.972	99	3719514	157.885	ng		0.00
23) Nitrobenzene-d5	8.949	82	3774237	164.165	ng		0.00
42) 2,4,6-Tribromophenol	15.937	330	1324517	166.729	ng		0.01
45) 2-Fluorobiphenyl	13.037	172	8021955	144.776	ng		0.00
79) Terphenyl-d14	19.942	244	10705690	143.182	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	525165	75.001	ng		99
3) Pyridine	3.726	79	1537458	79.031	ng		99
4) n-Nitrosodimethylamine	3.637	42	725458	80.324	ng	#	98
6) Aniline	7.137	93	2546940	79.451	ng		99
8) 2-Chlorophenol	7.372	128	1591247	81.930	ng		99
9) Benzaldehyde	6.949	77	972607m	58.640	ng		
10) Phenol	7.002	94	1969060	78.808	ng		99
11) bis(2-Chloroethyl)ether	7.231	93	1515396	77.407	ng		99
12) 1,3-Dichlorobenzene	7.696	146	1676489	76.821	ng		99
13) 1,4-Dichlorobenzene	7.837	146	1694172	76.733	ng		99
14) 1,2-Dichlorobenzene	8.149	146	1649525	77.123	ng		99
15) Benzyl Alcohol	8.037	79	1447720	79.979	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.331	45	2321074	75.053	ng		100
17) 2-Methylphenol	8.231	107	1340886	80.204	ng		98
18) Hexachloroethane	8.878	117	627491	79.471	ng		98
19) n-Nitroso-di-n-propyla...	8.614	70	1169323	76.214	ng		99
20) 3+4-Methylphenols	8.561	107	1841296	79.981	ng		99
22) Acetophenone	8.614	105	2348273	75.200	ng	#	99
24) Nitrobenzene	8.990	77	1719289	80.892	ng		99
25) Isophorone	9.513	82	3440086	76.970	ng		100
26) 2-Nitrophenol	9.690	139	813124	84.806	ng		97
27) 2,4-Dimethylphenol	9.749	122	1547266	75.090	ng		96
28) bis(2-Chloroethoxy)met...	9.990	93	2054235	75.555	ng		100
29) 2,4-Dichlorophenol	10.219	162	1494161	82.826	ng		99
30) 1,2,4-Trichlorobenzene	10.437	180	1535792	77.166	ng		99
31) Naphthalene	10.625	128	4861744	75.289	ng		100
32) Benzoic acid	9.931	122	1160103	79.253	ng		99
33) 4-Chloroaniline	10.719	127	2255163	78.523	ng		100
34) Hexachlorobutadiene	10.919	225	895811	78.411	ng		98
35) Caprolactam	11.519	113	561767m	80.094	ng		
36) 4-Chloro-3-methylphenol	11.837	107	1681089	80.535	ng		100
37) 2-Methylnaphthalene	12.231	142	3204508	76.670	ng		100
38) 1-Methylnaphthalene	12.443	142	3235826	74.197	ng		99
40) 1,2,4,5-Tetrachloroben...	12.602	216	1636320	77.897	ng		100
41) Hexachlorocyclopentadiene	12.590	237	1117188	86.171	ng		99
43) 2,4,6-Trichlorophenol	12.831	196	1177739	86.791	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.902	196	1300802	85.453	ng		99
46) 1,1'-Biphenyl	13.243	154	4292450	75.702	ng		100
47) 2-Chloronaphthalene	13.284	162	3350157	77.444	ng		99
48) 2-Nitroaniline	13.478	65	1036853	79.733	ng		97
49) Acenaphthylene	14.143	152	5538691	76.758	ng		99
50) Dimethylphthalate	13.878	163	4226530	75.353	ng		100
51) 2,6-Dinitrotoluene	13.984	165	935818	90.453	ng		94
52) Acenaphthene	14.490	154	3405740	77.379	ng		99
53) 3-Nitroaniline	14.313	138	1104703	91.252	ng		96
54) 2,4-Dinitrophenol	14.519	184	457765	79.662	ng	#	51
55) Dibenzofuran	14.831	168	4843609	73.640	ng		99
56) 4-Nitrophenol	14.619	139	918340	85.952	ng		97
57) 2,4-Dinitrotoluene	14.784	165	1324025	80.213	ng		99
58) Fluorene	15.484	166	3580163	69.303	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.048	232	1079472	84.394	ng		99
60) Diethylphthalate	15.266	149	4248904	75.138	ng		99
61) 4-Chlorophenyl-phenyle...	15.490	204	1716628	70.093	ng		99
62) 4-Nitroaniline	15.507	138	1042796	86.933	ng		97
63) Azobenzene	15.784	77	4018242	76.490	ng		99
65) 4,6-Dinitro-2-methylph...	15.560	198	653490	78.886	ng		95
66) n-Nitrosodiphenylamine	15.695	169	3479218	75.135	ng		99
67) 4-Bromophenyl-phenylether	16.395	248	1177395	76.943	ng		99
68) Hexachlorobenzene	16.519	284	1326894	77.280	ng		98
69) Atrazine	16.678	200	1273257	78.187	ng		99
70) Pentachlorophenol	16.860	266	946571	86.531	ng		99
71) Phenanthrene	17.266	178	6128568	73.575	ng		99
72) Anthracene	17.360	178	6185852	73.651	ng		99
73) Carbazole	17.631	167	5994709	74.355	ng		99
74) Di-n-butylphthalate	18.237	149	7426722	76.144	ng		100
75) Fluoranthene	19.336	202	6952158	72.098	ng		99
77) Benzidine	19.525	184	3244549	63.462	ng		99
78) Pyrene	19.713	202	7242380	77.104	ng		99
80) Butylbenzylphthalate	20.672	149	3308374	86.846	ng		98
81) Benzo(a)anthracene	21.648	228	7117868	75.830	ng		99
82) 3,3'-Dichlorobenzidine	21.560	252	2604409	78.640	ng		99
83) Chrysene	21.713	228	6581498	75.596	ng		100
84) Bis(2-ethylhexyl)phtha...	21.601	149	4983234	81.923	ng		100
85) Di-n-octyl phthalate	22.907	149	8622615	84.688	ng		99
87) Indeno(1,2,3-cd)pyrene	28.912	276	9444318m	80.231	ng		
88) Benzo(b)fluoranthene	23.983	252	7663180	78.064	ng		99
89) Benzo(k)fluoranthene	24.060	252	7472413	76.787	ng		99
90) Benzo(a)pyrene	24.895	252	7402973	78.309	ng		99
91) Dibenzo(a,h)anthracene	29.018	278	7708950	80.082	ng		99
92) Benzo(g,h,i)perylene	30.106	276	7590772m	80.324	ng		

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

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