Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025734.D
Acq On : 11 Sep 2025 16:54
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 11 17:15:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.754	152	124267	20.000	ng		0.00
21) Naphthalene-d8	10.525	136	536934	20.000	ng		0.00
39) Acenaphthene-d10	14.378	164	375383	20.000	ng		0.00
64) Phenanthrene-d10	17.183	188	771844	20.000	ng		0.00
76) Chrysene-d12	21.636	240	780297	20.000	ng		0.00
86) Perylene-d12	25.006	264	833580	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.372	112	602093	78.179	ng		-0.01
7) Phenol-d6	6.937	99	816056	79.719	ng		-0.01
23) Nitrobenzene-d5	8.895	82	840657	69.063	ng		0.00
42) 2,4,6-Tribromophenol	15.895	330	359192	76.715	ng		-0.01
45) 2-Fluorobiphenyl	12.989	172	1948137	69.102	ng		0.00
79) Terphenyl-d14	19.913	244	3054578	70.424	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.302	88	122286	37.832	ng		97
3) Pyridine	3.702	79	354452	39.824	ng		98
4) n-Nitrosodimethylamine	3.608	42	165978	39.520	ng		97
6) Aniline	7.084	93	582343	41.441	ng		99
8) 2-Chlorophenol	7.325	128	347453	41.125	ng		99
9) Benzaldehyde	6.907	77	259870m	42.354	ng		
10) Phenol	6.966	94	446406	41.357	ng		99
11) bis(2-Chloroethyl)ether	7.178	93	354776	40.910	ng		97
12) 1,3-Dichlorobenzene	7.643	146	388972	40.451	ng		99
13) 1,4-Dichlorobenzene	7.784	146	395520	40.380	ng		99
14) 1,2-Dichlorobenzene	8.101	146	380347	39.971	ng		98
15) Benzyl Alcohol	7.990	79	350290	41.411	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.266	45	582311	41.060	ng		100
17) 2-Methylphenol	8.196	107	307102	42.200	ng		99
18) Hexachloroethane	8.819	117	151554	40.508	ng		97
19) n-Nitroso-di-n-propyla...	8.548	70	312448	43.761	ng		99
20) 3+4-Methylphenols	8.519	107	419059	41.117	ng		99
22) Acetophenone	8.566	105	589415	41.077	ng	#	99
24) Nitrobenzene	8.937	77	442005	40.477	ng		98
25) Isophorone	9.466	82	867997	40.570	ng		99
26) 2-Nitrophenol	9.643	139	203715	42.019	ng		98
27) 2,4-Dimethylphenol	9.707	122	353536	41.566	ng		100
28) bis(2-Chloroethoxy)met...	9.931	93	506887	40.986	ng		100
29) 2,4-Dichlorophenol	10.184	162	351168	41.410	ng		99
30) 1,2,4-Trichlorobenzene	10.390	180	377799	39.530	ng		97
31) Naphthalene	10.572	128	1147015	39.618	ng		100
32) Benzoic acid	9.866	122	261084	41.287	ng		99
33) 4-Chloroaniline	10.690	127	511290	42.370	ng		99
34) Hexachlorobutadiene	10.854	225	240927	39.159	ng		100
35) Caprolactam	11.478	113	129656	39.662	ng		97
36) 4-Chloro-3-methylphenol	11.819	107	414385	40.986	ng		96
37) 2-Methylnaphthalene	12.184	142	751182	40.396	ng		98
38) 1-Methylnaphthalene	12.401	142	804402	40.566	ng		100
40) 1,2,4,5-Tetrachloroben...	12.554	216	455659	40.058	ng		100
41) Hexachlorocyclopentadiene	12.531	237	251065	40.525	ng		99
43) 2,4,6-Trichlorophenol	12.801	196	311792	41.695	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.878	196	335762	40.344	ng		98
46) 1,1'-Biphenyl	13.201	154	1121205	40.692	ng		100
47) 2-Chloronaphthalene	13.242	162	849751	39.167	ng		99
48) 2-Nitroaniline	13.454	65	296601	41.012	ng		99
49) Acenaphthylene	14.101	152	1431405	39.820	ng		100
50) Dimethylphthalate	13.836	163	1131460	39.480	ng		100
51) 2,6-Dinitrotoluene	13.948	165	245080	40.363	ng		98
52) Acenaphthene	14.454	154	808647	39.008	ng		99
53) 3-Nitroaniline	14.289	138	260323	40.770	ng		99
54) 2,4-Dinitrophenol	14.513	184	139609	38.055	ng		98
55) Dibenzofuran	14.783	168	1329616	39.353	ng		99
56) 4-Nitrophenol	14.619	139	192803	37.582	ng		96
57) 2,4-Dinitrotoluene	14.754	165	353669	40.928	ng		96
58) Fluorene	15.442	166	1043250	38.831	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.019	232	297719	39.712	ng		100
60) Diethylphthalate	15.219	149	1163950	40.039	ng		100
61) 4-Chlorophenyl-phenyle...	15.436	204	536069	39.592	ng		97
62) 4-Nitroaniline	15.466	138	272817	41.707	ng		99
63) Azobenzene	15.736	77	1114737	39.657	ng		99
65) 4,6-Dinitro-2-methylph...	15.536	198	204888	39.916	ng		97
66) n-Nitrosodiphenylamine	15.660	169	939618	39.780	ng		100
67) 4-Bromophenyl-phenylether	16.354	248	339813	40.075	ng		97
68) Hexachlorobenzene	16.472	284	375085	39.667	ng		97
69) Atrazine	16.642	200	364755	40.399	ng		99
70) Pentachlorophenol	16.836	266	248287	39.784	ng		99
71) Phenanthrene	17.224	178	1716732	39.210	ng		99
72) Anthracene	17.319	178	1778123	40.026	ng		100
73) Carbazole	17.601	167	1614641	39.095	ng		100
74) Di-n-butylphthalate	18.189	149	2015320	39.763	ng		100
75) Fluoranthene	19.324	202	2020319	38.475	ng		100
77) Benzidine	19.513	184	735659m	32.730	ng		
78) Pyrene	19.701	202	2122125	40.759	ng		99
80) Butylbenzylphthalate	20.636	149	950670	41.644	ng		98
81) Benzo(a)anthracene	21.612	228	2127849	39.832	ng		100
82) 3,3'-Dichlorobenzidine	21.542	252	705014	38.168	ng		99
83) Chrysene	21.689	228	2042185	40.103	ng		99
84) Bis(2-ethylhexyl)phtha...	21.548	149	1354255	40.547	ng		99
85) Di-n-octyl phthalate	22.836	149	2374831	39.973	ng		100
87) Indeno(1,2,3-cd)pyrene	28.836	276	2435714	40.180	ng	#	84
88) Benzo(b)fluoranthene	23.936	252	2038540	39.991	ng		99
89) Benzo(k)fluoranthene	24.006	252	2155908	41.447	ng		99
90) Benzo(a)pyrene	24.842	252	1988484	39.834	ng		99
91) Dibenzo(a,h)anthracene	28.900	278	2021392	40.748	ng		99
92) Benzo(g,h,i)perylene	30.018	276	1934037	39.644	ng		99

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

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