Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025201.D
Acq On : 21 Jul 2025 17:51
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 22 02:32:22 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 22 02:26:08 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.431	152	613538	20.000	ng		0.00
21) Naphthalene-d8	10.172	136	2516404	20.000	ng		0.00
39) Acenaphthene-d10	14.072	164	1604001	20.000	ng		0.00
64) Phenanthrene-d10	16.889	188	3210937	20.000	ng		0.00
76) Chrysene-d12	21.330	240	3337112	20.000	ng		0.00
86) Perylene-d12	24.465	264	3976559	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.096	112	3807103	103.663	ng		0.00
7) Phenol-d6	6.637	99	4736983	104.474	ng		0.00
23) Nitrobenzene-d5	8.560	82	4781399	104.177	ng		0.00
42) 2,4,6-Tribromophenol	15.607	330	2533319	106.212	ng		0.00
45) 2-Fluorobiphenyl	12.678	172	11917555	98.364	ng		0.00
79) Terphenyl-d14	19.654	244	16139665	90.322	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.119	88	713110	51.665	ng		99
3) Pyridine	3.490	79	1930182	52.798	ng		99
4) n-Nitrosodimethylamine	3.408	42	770132	53.378	ng		97
6) Aniline	6.778	93	3124470	52.991	ng		100
8) 2-Chlorophenol	7.008	128	2180013	52.755	ng		99
9) Benzaldehyde	6.596	77	1896798	58.538	ng		99
10) Phenol	6.660	94	2474823	52.755	ng		99
11) bis(2-Chloroethyl)ether	6.878	93	1906690	52.936	ng		100
12) 1,3-Dichlorobenzene	7.325	146	2422569	51.674	ng		99
13) 1,4-Dichlorobenzene	7.466	146	2458987	51.975	ng		99
14) 1,2-Dichlorobenzene	7.772	146	2365873	52.043	ng		99
15) Benzyl Alcohol	7.666	79	1722446	52.999	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.955	45	2446484	52.952	ng		100
17) 2-Methylphenol	7.878	107	1733573	53.427	ng		100
18) Hexachloroethane	8.484	117	853688	52.844	ng		98
19) n-Nitroso-di-n-propyla...	8.231	70	1455206	53.253	ng		99
20) 3+4-Methylphenols	8.196	107	2375514	53.601	ng		99
22) Acetophenone	8.237	105	3084434	51.751	ng	#	98
24) Nitrobenzene	8.602	77	2126232	52.274	ng		97
25) Isophorone	9.125	82	4172561	51.908	ng		99
26) 2-Nitrophenol	9.302	139	1267530	55.364	ng		98
27) 2,4-Dimethylphenol	9.378	122	2063358	52.940	ng		100
28) bis(2-Chloroethoxy)met...	9.607	93	2625875	52.034	ng		100
29) 2,4-Dichlorophenol	9.831	162	2113695	52.875	ng		99
30) 1,2,4-Trichlorobenzene	10.049	180	2270580	51.620	ng		99
31) Naphthalene	10.225	128	6732644	51.375	ng		99
32) Benzoic acid	9.543	122	1647738	57.886	ng		98
33) 4-Chloroaniline	10.331	127	2986136	52.480	ng		99
34) Hexachlorobutadiene	10.519	225	1366194	51.718	ng		100
35) Caprolactam	11.137	113	701610	53.331	ng		98
36) 4-Chloro-3-methylphenol	11.484	107	2098032	52.551	ng		99
37) 2-Methylnaphthalene	11.854	142	4376533	51.634	ng		99
38) 1-Methylnaphthalene	12.072	142	4608074	51.546	ng		99
40) 1,2,4,5-Tetrachloroben...	12.231	216	2560877	52.721	ng		100
41) Hexachlorocyclopentadiene	12.219	237	1616183	58.674	ng		100
43) 2,4,6-Trichlorophenol	12.484	196	1770617	53.947	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	1918353	53.026	ng	99
46) 1,1'-Biphenyl	12.895	154	6024880	50.798	ng	100
47) 2-Chloronaphthalene	12.931	162	4722917	51.398	ng	99
48) 2-Nitroaniline	13.137	65	1277778	55.436	ng	99
49) Acenaphthylene	13.790	152	7853263	52.119	ng	99
50) Dimethylphthalate	13.548	163	6045361	51.655	ng	99
51) 2,6-Dinitrotoluene	13.654	165	1345243	54.301	ng	100
52) Acenaphthene	14.137	154	4517722	52.046	ng	99
53) 3-Nitroaniline	13.984	138	1538228	55.030	ng	97
54) 2,4-Dinitrophenol	14.190	184	845681	60.917	ng	98
55) Dibenzofuran	14.484	168	7155195	50.912	ng	100
56) 4-Nitrophenol	14.319	139	1296281	54.419	ng	99
57) 2,4-Dinitrotoluene	14.448	165	1931788	55.973	ng	98
58) Fluorene	15.148	166	5666693	50.552	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.731	232	1711112	53.430	ng	99
60) Diethylphthalate	14.948	149	6032748	52.170	ng	100
61) 4-Chlorophenyl-phenyle...	15.154	204	2822385	49.953	ng	97
62) 4-Nitroaniline	15.172	138	1557916	54.694	ng	99
63) Azobenzene	15.454	77	4887978	52.623	ng	97
65) 4,6-Dinitro-2-methylph...	15.248	198	1165979	58.004	ng	98
66) n-Nitrosodiphenylamine	15.378	169	5088804	50.889	ng	100
67) 4-Bromophenyl-phenylether	16.072	248	1990339	52.573	ng	99
68) Hexachlorobenzene	16.184	284	2321405	51.350	ng	96
69) Atrazine	16.372	200	1920612	52.693	ng	99
70) Pentachlorophenol	16.531	266	1626155	54.041	ng	99
71) Phenanthrene	16.931	178	8929922	49.912	ng	100
72) Anthracene	17.031	178	9319174	51.310	ng	100
73) Carbazole	17.307	167	8838811	51.147	ng	99
74) Di-n-butylphthalate	17.925	149	10436099	51.501	ng	99
75) Fluoranthene	19.036	202	10486987	49.574	ng	99
77) Benzidine	19.242	184	5973577	46.861	ng	100
78) Pyrene	19.419	202	10669709	50.310	ng	99
80) Butylbenzylphthalate	20.407	149	4896472	52.320	ng	97
81) Benzo(a)anthracene	21.307	228	11027653	50.804	ng	99
82) 3,3'-Dichlorobenzidine	21.236	252	4590583	51.576	ng	100
83) Chrysene	21.377	228	10311953	50.942	ng	100
84) Bis(2-ethylhexyl)phtha...	21.295	149	7009358	51.373	ng	100
85) Di-n-octyl phthalate	22.501	149	12446110	52.335	ng	100
87) Indeno(1,2,3-cd)pyrene	27.989	276	15307239m	52.366	ng	
88) Benzo(b)fluoranthene	23.483	252	11802054	50.891	ng	100
89) Benzo(k)fluoranthene	23.548	252	11941338	51.862	ng	99
90) Benzo(a)pyrene	24.324	252	11759136	52.237	ng	99
91) Dibenzo(a,h)anthracene	28.065	278	12441007	51.898	ng	100
92) Benzo(g,h,i)perylene	29.077	276	12183528	51.884	ng	98

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

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