Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024871.D
Acq On : 09 Jun 2025 10:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 09 11:14:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.608	152	255229	20.000	ng		0.00
21) Naphthalene-d8	10.378	136	1115940	20.000	ng		0.00
39) Acenaphthene-d10	14.242	164	722087	20.000	ng		0.00
64) Phenanthrene-d10	17.048	188	1406327	20.000	ng		-0.01
76) Chrysene-d12	21.477	240	1456984	20.000	ng		0.00
86) Perylene-d12	24.724	264	1778909	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.237	112	1199496	78.447	ng		0.00
7) Phenol-d6	6.813	99	1634108	80.773	ng		0.00
23) Nitrobenzene-d5	8.760	82	1808189	78.737	ng		0.00
42) 2,4,6-Tribromophenol	15.772	330	787365	78.869	ng		-0.01
45) 2-Fluorobiphenyl	12.854	172	4025076	75.092	ng		0.00
79) Terphenyl-d14	19.772	244	6095445	74.981	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.167	88	265533	39.467	ng		99
3) Pyridine	3.567	79	689182	42.594	ng		98
4) n-Nitrosodimethylamine	3.478	42	267010	40.365	ng		100
6) Aniline	6.949	93	1049995	40.669	ng		98
8) 2-Chlorophenol	7.184	128	685280	39.534	ng		98
9) Benzaldehyde	6.766	77	455649m	39.075	ng		
10) Phenol	6.837	94	850419	40.776	ng		99
11) bis(2-Chloroethyl)ether	7.043	93	653387	39.832	ng		99
12) 1,3-Dichlorobenzene	7.496	146	732347	37.873	ng		98
13) 1,4-Dichlorobenzene	7.643	146	745968	38.233	ng		99
14) 1,2-Dichlorobenzene	7.955	146	717710	37.460	ng		99
15) Benzyl Alcohol	7.860	79	630051	40.579	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.137	45	832787	38.789	ng		98
17) 2-Methylphenol	8.066	107	588106	40.381	ng		99
18) Hexachloroethane	8.666	117	276609	37.656	ng		97
19) n-Nitroso-di-n-propyla...	8.413	70	555174	40.367	ng		99
20) 3+4-Methylphenols	8.396	107	804072	40.467	ng		97
22) Acetophenone	8.425	105	1098338	38.956	ng	#	100
24) Nitrobenzene	8.802	77	800749	39.249	ng		98
25) Isophorone	9.325	82	1547539	38.882	ng		99
26) 2-Nitrophenol	9.507	139	404106	40.144	ng		99
27) 2,4-Dimethylphenol	9.578	122	675766	39.225	ng		99
28) bis(2-Chloroethoxy)met...	9.796	93	912458	38.433	ng		99
29) 2,4-Dichlorophenol	10.049	162	661006	39.988	ng		99
30) 1,2,4-Trichlorobenzene	10.243	180	695864	37.323	ng		99
31) Naphthalene	10.425	128	2195188	38.386	ng		100
32) Benzoic acid	9.760	122	472238	40.563	ng		98
33) 4-Chloroaniline	10.549	127	968476	40.422	ng		100
34) Hexachlorobutadiene	10.707	225	418109	37.207	ng		99
35) Caprolactam	11.343	113	249771	41.048	ng		98
36) 4-Chloro-3-methylphenol	11.701	107	774660	40.629	ng		98
37) 2-Methylnaphthalene	12.043	142	1432131	39.479	ng		99
38) 1-Methylnaphthalene	12.260	142	1506506	38.845	ng		99
40) 1,2,4,5-Tetrachloroben...	12.419	216	781589	38.146	ng		100
41) Hexachlorocyclopentadiene	12.396	237	479050	38.332	ng		99
43) 2,4,6-Trichlorophenol	12.672	196	538063	39.103	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.760	196	600998	40.784	ng		98
46) 1,1'-Biphenyl	13.066	154	1994835	38.014	ng		99
47) 2-Chloronaphthalene	13.107	162	1543806	38.278	ng		99
48) 2-Nitroaniline	13.331	65	506207	40.825	ng		98
49) Acenaphthylene	13.966	152	2556300	38.013	ng		100
50) Dimethylphthalate	13.707	163	2022085	37.961	ng		100
51) 2,6-Dinitrotoluene	13.831	165	445371	38.784	ng		99
52) Acenaphthene	14.313	154	1485445	38.548	ng		99
53) 3-Nitroaniline	14.172	138	494719	41.514	ng		96
54) 2,4-Dinitrophenol	14.384	184	262463	38.223	ng		96
55) Dibenzofuran	14.654	168	2354168	38.059	ng		100
56) 4-Nitrophenol	14.525	139	364266	39.074	ng		98
57) 2,4-Dinitrotoluene	14.637	165	640380	39.866	ng		98
58) Fluorene	15.313	166	1914326	38.310	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.895	232	525400	39.904	ng		99
60) Diethylphthalate	15.084	149	2015313	37.963	ng		99
61) 4-Chlorophenyl-phenyle...	15.307	204	905582	37.065	ng		100
62) 4-Nitroaniline	15.354	138	472390	43.719	ng		95
63) Azobenzene	15.607	77	1883823	38.692	ng		99
65) 4,6-Dinitro-2-methylph...	15.413	198	367928	39.815	ng		95
66) n-Nitrosodiphenylamine	15.537	169	1675390	38.436	ng		99
67) 4-Bromophenyl-phenylether	16.225	248	606816	38.242	ng		98
68) Hexachlorobenzene	16.336	284	734824	38.199	ng		99
69) Atrazine	16.519	200	602255	38.113	ng		99
70) Pentachlorophenol	16.707	266	420547	42.241	ng		99
71) Phenanthrene	17.095	178	2969260	38.207	ng		99
72) Anthracene	17.189	178	3002181	38.143	ng		99
73) Carbazole	17.483	167	2826406	38.742	ng		100
74) Di-n-butylphthalate	18.054	149	3362066	37.195	ng		100
75) Fluoranthene	19.183	202	3375260	37.471	ng		99
77) Benzidine	19.383	184	1915629	42.452	ng		100
78) Pyrene	19.560	202	3443152	37.827	ng		100
80) Butylbenzylphthalate	20.507	149	1585622	38.030	ng		99
81) Benzo(a)anthracene	21.460	228	3579939	38.417	ng		99
82) 3,3'-Dichlorobenzidine	21.383	252	1431070	38.683	ng		99
83) Chrysene	21.524	228	3364139	38.101	ng		99
84) Bis(2-ethylhexyl)phtha...	21.389	149	2248290	37.636	ng		99
85) Di-n-octyl phthalate	22.630	149	3936161	37.383	ng		100
87) Indeno(1,2,3-cd)pyrene	28.412	276	5109505	39.367	ng	#	94
88) Benzo(b)fluoranthene	23.689	252	3899336	38.301	ng		99
89) Benzo(k)fluoranthene	23.765	252	3863940	37.286	ng		100
90) Benzo(a)pyrene	24.571	252	3762288	37.841	ng		99
91) Dibenzo(a,h)anthracene	28.465	278	4160909	39.385	ng		99
92) Benzo(g,h,i)perylene	29.553	276	4120588	39.310	ng		99

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

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