Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050825\
Data File : BP024568.D
Acq On : 08 May 2025 14:45
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 08 15:12:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.699	152	179226	20.000	ng		-0.02
21) Naphthalene-d8	10.475	136	763529	20.000	ng		#-0.02
39) Acenaphthene-d10	14.334	164	492115	20.000	ng		-0.02
64) Phenanthrene-d10	17.139	188	999951	20.000	ng		0.00
76) Chrysene-d12	21.580	240	1084299	20.000	ng		-0.01
86) Perylene-d12	24.898	264	1119935	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.328	112	887341	81.862	ng		-0.02
7) Phenol-d6	6.893	99	1177489	79.333	ng		-0.02
23) Nitrobenzene-d5	8.852	82	1089270	81.348	ng		-0.02
42) 2,4,6-Tribromophenol	15.863	330	695426	102.138	ng		0.00
45) 2-Fluorobiphenyl	12.945	172	2718677	84.586	ng		-0.02
79) Terphenyl-d14	19.875	244	4676990	86.942	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	172053	37.526	ng	#	95
3) Pyridine	3.675	79	437577	36.143	ng		92
4) n-Nitrosodimethylamine	3.581	42	185073	46.061	ng	#	74
6) Aniline	7.040	93	499516	37.663	ng		97
8) 2-Chlorophenol	7.275	128	492030	40.656	ng		99
9) Benzaldehyde	6.858	77	329330	44.856	ng		95
10) Phenol	6.922	94	579749	38.938	ng		92
11) bis(2-Chloroethyl)ether	7.134	93	444400	37.045	ng		98
12) 1,3-Dichlorobenzene	7.593	146	527229	40.466	ng		99
13) 1,4-Dichlorobenzene	7.734	146	531653	40.218	ng		99
14) 1,2-Dichlorobenzene	8.052	146	508023	39.799	ng		98
15) Benzyl Alcohol	7.946	79	417641	43.511	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.228	45	494171	38.111	ng		99
17) 2-Methylphenol	8.152	107	399259	41.452	ng		97
18) Hexachloroethane	8.769	117	195493	40.921	ng		95
19) n-Nitroso-di-n-propyla...	8.499	70	371703	40.480	ng		95
20) 3+4-Methylphenols	8.481	107	560739	41.957	ng		98
22) Acetophenone	8.516	105	773287	40.919	ng	#	96
24) Nitrobenzene	8.893	77	528646	39.909	ng		99
25) Isophorone	9.416	82	999725	41.247	ng		96
26) 2-Nitrophenol	9.599	139	297932	45.960	ng		97
27) 2,4-Dimethylphenol	9.663	122	342518	42.081	ng		98
28) bis(2-Chloroethoxy)met...	9.893	93	640326	39.108	ng		98
29) 2,4-Dichlorophenol	10.140	162	488604	44.025	ng		99
30) 1,2,4-Trichlorobenzene	10.340	180	497055	41.801	ng		99
31) Naphthalene	10.528	128	1612593	40.094	ng		99
32) Benzoic acid	9.846	122	388873	41.002	ng		99
33) 4-Chloroaniline	10.640	127	600480	42.395	ng		98
34) Hexachlorobutadiene	10.810	225	315349	45.131	ng		99
35) Caprolactam	11.440	113	176675	43.144	ng		97
36) 4-Chloro-3-methylphenol	11.781	107	578324	44.738	ng		99
37) 2-Methylnaphthalene	12.140	142	1151688	41.289	ng		97
38) 1-Methylnaphthalene	12.357	142	1113391	40.803	ng		98
40) 1,2,4,5-Tetrachloroben...	12.510	216	593239	43.836	ng		100
41) Hexachlorocyclopentadiene	12.487	237	195571	40.860	ng		99
43) 2,4,6-Trichlorophenol	12.757	196	410368	45.608	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	452088	45.373	ng		99
46) 1,1'-Biphenyl	13.157	154	1506006	41.633	ng		98
47) 2-Chloronaphthalene	13.204	162	1141685	42.230	ng		98
48) 2-Nitroaniline	13.410	65	341991	45.097	ng		96
49) Acenaphthylene	14.051	152	1758429	41.312	ng		99
50) Dimethylphthalate	13.798	163	1552572	43.383	ng		100
51) 2,6-Dinitrotoluene	13.916	165	330872	43.539	ng		94
52) Acenaphthene	14.404	154	1089034	40.357	ng		98
53) 3-Nitroaniline	14.257	138	333536	41.760	ng		97
54) 2,4-Dinitrophenol	14.469	184	193261	43.173	ng		92
55) Dibenzofuran	14.740	168	1788471	40.547	ng		96
56) 4-Nitrophenol	14.598	139	329176	47.720	ng		88
57) 2,4-Dinitrotoluene	14.710	165	471679	45.500	ng		97
58) Fluorene	15.398	166	1421604	41.633	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.975	232	409796	44.593	ng		99
60) Diethylphthalate	15.175	149	1596391	43.286	ng		99
61) 4-Chlorophenyl-phenyle...	15.398	204	710661	42.859	ng		97
62) 4-Nitroaniline	15.434	138	363252	42.962	ng		87
63) Azobenzene	15.698	77	1356150	40.008	ng		96
65) 4,6-Dinitro-2-methylph...	15.492	198	273977	43.459	ng		95
66) n-Nitrosodiphenylamine	15.622	169	1219495	40.859	ng		100
67) 4-Bromophenyl-phenylether	16.316	248	486848	44.517	ng		100
68) Hexachlorobenzene	16.434	284	599108	46.102	ng		98
69) Atrazine	16.604	200	286974	37.752	ng		97
70) Pentachlorophenol	16.792	266	399667	44.085	ng		99
71) Phenanthrene	17.186	178	2151569	39.442	ng		100
72) Anthracene	17.281	178	2137635	40.659	ng		99
73) Carbazole	17.569	167	2068524	40.267	ng		99
74) Di-n-butylphthalate	18.151	149	2817521	44.024	ng		100
75) Fluoranthene	19.269	202	2696306	41.559	ng		97
77) Benzidine	19.480	184	527701	38.394	ng		98
78) Pyrene	19.651	202	2736185	39.708	ng		99
80) Butylbenzylphthalate	20.598	149	1305824	44.243	ng		97
81) Benzo(a)anthracene	21.563	228	2714351	40.275	ng		100
82) 3,3'-Dichlorobenzidine	21.492	252	965428	40.813	ng		100
83) Chrysene	21.627	228	2571062	39.819	ng		100
84) Bis(2-ethylhexyl)phtha...	21.498	149	1863398	43.066	ng		100
85) Di-n-octyl phthalate	22.763	149	3046434	43.309	ng		100
87) Indeno(1,2,3-cd)pyrene	28.674	276	2894688	37.230	ng		98
88) Benzo(b)fluoranthene	23.863	252	2837774	42.273	ng	#	97
89) Benzo(k)fluoranthene	23.933	252	2710069m	41.794	ng		
90) Benzo(a)pyrene	24.751	252	2377084	41.051	ng		98
91) Dibenzo(a,h)anthracene	28.756	278	2378097	36.849	ng		97
92) Benzo(g,h,i)perylene	29.862	276	2352397	35.812	ng	#	94

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

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