Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072925\
Data File : BP025261.D
Acq On : 29 Jul 2025 14:34
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 29 15:28:27 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 29 15:28:11 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli

07/30/2025
Supervised By :Jagrut Upadhyay

07/30/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.402	152	438875	20.000	ng		0.00
21) Naphthalene-d8	10.143	136	1849288	20.000	ng		0.00
39) Acenaphthene-d10	14.048	164	1224765	20.000	ng		0.00
64) Phenanthrene-d10	16.878	188	2455708	20.000	ng		0.00
76) Chrysene-d12	21.307	240	2538134	20.000	ng		0.00
86) Perylene-d12	24.412	264	2969636	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.108	112	2064396	79.478	ng		0.00
7) Phenol-d6	6.649	99	2673133	83.093	ng		0.00
23) Nitrobenzene-d5	8.537	82	2708500	81.393	ng		0.00
42) 2,4,6-Tribromophenol	15.578	330	1358284	75.227	ng		0.00
45) 2-Fluorobiphenyl	12.648	172	7110582	81.849	ng		0.00
79) Terphenyl-d14	19.630	244	10284747	79.989	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.102	88	383730	39.418	ng		99
3) Pyridine	3.508	79	1018359	39.079	ng		99
4) n-Nitrosodimethylamine	3.396	42	422794	40.912	ng		94
6) Aniline	6.772	93	870149	20.692	ng		98
8) 2-Chlorophenol	7.002	128	1193657	40.502	ng		100
9) Benzaldehyde	6.578	77	764175	35.035	ng		99
10) Phenol	6.678	94	1356236	40.651	ng		97
11) bis(2-Chloroethyl)ether	6.855	93	1263952	49.416	ng		97
12) 1,3-Dichlorobenzene	7.296	146	1308471	39.481	ng		99
13) 1,4-Dichlorobenzene	7.437	146	1324689	39.598	ng		99
14) 1,2-Dichlorobenzene	7.743	146	1300324	40.405	ng		99
15) Benzyl Alcohol	7.666	79	848979	36.585	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.925	45	1383724	42.280	ng		99
17) 2-Methylphenol	7.884	107	964311	41.691	ng		100
18) Hexachloroethane	8.449	117	455046	39.553	ng		98
19) n-Nitroso-di-n-propyla...	8.213	70	821996	42.473	ng		99
20) 3+4-Methylphenols	8.207	107	1280989	40.601	ng	#	67
22) Acetophenone	8.219	105	1728756	40.174	ng		95
24) Nitrobenzene	8.578	77	1212294	40.868	ng		96
25) Isophorone	9.119	82	2331578	39.844	ng		98
26) 2-Nitrophenol	9.278	139	667067	39.160	ng		97
27) 2,4-Dimethylphenol	9.378	122	1140324	40.006	ng		99
28) bis(2-Chloroethoxy)met...	9.584	93	1471634	40.206	ng		98
29) 2,4-Dichlorophenol	9.843	162	1150267	39.280	ng		99
30) 1,2,4-Trichlorobenzene	10.013	180	1249369	39.062	ng		100
31) Naphthalene	10.190	128	3760607	39.740	ng		100
32) Benzoic acid	9.584	122	633006m	29.090	ng		
33) 4-Chloroaniline	10.331	127	1032507	24.821	ng		99
34) Hexachlorobutadiene	10.484	225	743571	38.626	ng		100
35) Caprolactam	11.201	113	374234	38.506	ng		98
36) 4-Chloro-3-methylphenol	11.501	107	1177643	40.230	ng		100
37) 2-Methylnaphthalene	11.813	142	2500083	40.686	ng		99
38) 1-Methylnaphthalene	12.037	142	2589471	40.117	ng		100
40) 1,2,4,5-Tetrachloroben...	12.195	216	1420508	38.693	ng		100
41) Hexachlorocyclopentadiene	12.178	237	894872	40.833	ng		99
43) 2,4,6-Trichlorophenol	12.460	196	978196	38.996	ng		100

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44) 2,4,5-Trichlorophenol	12.572	196	1071611	38.821	ng		99
46) 1,1'-Biphenyl	12.854	154	3535777	39.824	ng		100
47) 2-Chloronaphthalene	12.895	162	2746896	39.628	ng		99
48) 2-Nitroaniline	13.125	65	707003	39.939	ng		99
49) Acenaphthylene	13.754	152	4492791	40.073	ng		100
50) Dimethylphthalate	13.519	163	3494849	39.900	ng		99
51) 2,6-Dinitrotoluene	13.637	165	755765	39.710	ng		95
52) Acenaphthene	14.107	154	2605842	40.194	ng		99
53) 3-Nitroaniline	13.984	138	693443	32.310	ng		99
54) 2,4-Dinitrophenol	14.189	184	428708	38.018	ng		98
55) Dibenzofuran	14.460	168	4167992	39.800	ng		97
56) 4-Nitrophenol	14.384	139	613775	33.420	ng		90
57) 2,4-Dinitrotoluene	14.442	165	1088209	40.847	ng	#	90
58) Fluorene	15.131	166	3341214	40.188	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.719	232	918565	37.601	ng		98
60) Diethylphthalate	14.919	149	3456192	40.034	ng		99
61) 4-Chlorophenyl-phenyle...	15.131	204	1680024	39.991	ng		99
62) 4-Nitroaniline	15.178	138	743089m	34.044	ng		
63) Azobenzene	15.431	77	2883073	40.981	ng		97
65) 4,6-Dinitro-2-methylph...	15.225	198	643680	40.616	ng		98
66) n-Nitrosodiphenylamine	15.354	169	2978036	39.954	ng		100
67) 4-Bromophenyl-phenylether	16.042	248	1104882	38.552	ng		98
68) Hexachlorobenzene	16.166	284	1311795	38.543	ng		96
69) Atrazine	16.366	200	1093501	39.646	ng		99
70) Pentachlorophenol	16.536	266	1000896	43.246	ng		99
71) Phenanthrene	16.919	178	5249418	39.634	ng		100
72) Anthracene	17.001	178	5338289	40.009	ng		100
73) Carbazole	17.301	167	5002808	39.277	ng		100
74) Di-n-butylphthalate	17.919	149	5987075	40.738	ng		99
75) Fluoranthene	19.025	202	6240995	40.037	ng		99
77) Benzidine	19.236	184	2238175m	25.117	ng		
78) Pyrene	19.401	202	6392688	40.848	ng		99
80) Butylbenzylphthalate	20.389	149	2736221	38.625	ng		98
81) Benzo(a)anthracene	21.283	228	6436514	40.157	ng		99
82) 3,3'-Dichlorobenzidine	21.230	252	2434511	36.642	ng		100
83) Chrysene	21.348	228	6089679	40.700	ng		100
84) Bis(2-ethylhexyl)phtha...	21.260	149	3990078	39.391	ng		99
85) Di-n-octyl phthalate	22.465	149	6900473	39.450	ng		99
87) Indeno(1,2,3-cd)pyrene	27.918	276	8551250m	39.404	ng		
88) Benzo(b)fluoranthene	23.436	252	6840347	40.241	ng		100
89) Benzo(k)fluoranthene	23.501	252	6752177	40.236	ng		99
90) Benzo(a)pyrene	24.277	252	6646248	40.074	ng		100
91) Dibenzo(a,h)anthracene	28.012	278	7137099	40.311	ng		99
92) Benzo(g,h,i)perylene	28.995	276	6965672	40.034	ng		99

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

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