Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025119.D
Acq On : 14 Jul 2025 14:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 14 14:38:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/15/2025
Supervised By :Jagrut Upadhyay 07/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	432981	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	1756106	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1148084	20.000	ng	0.00
64) Phenanthrene-d10	16.895	188	2323254	20.000	ng	-0.01
76) Chrysene-d12	21.342	240	2496320	20.000	ng	0.00
86) Perylene-d12	24.471	264	2830283	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	1917993	78.488	ng	0.00
7) Phenol-d6	6.631	99	2508369	78.658	ng	0.00
23) Nitrobenzene-d5	8.566	82	2171459	82.235	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	1214759	89.566	ng	0.00
45) 2-Fluorobiphenyl	12.684	172	5791982	78.154	ng	-0.01
79) Terphenyl-d14	19.678	244	9292095	81.809	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.125	88	350656	36.902	ng	99
3) Pyridine	3.490	79	979009	37.632	ng	100
4) n-Nitrosodimethylamine	3.408	42	412569	37.455	ng	96
6) Aniline	6.778	93	1134048	38.062	ng	99
8) 2-Chlorophenol	7.008	128	1089052	39.832	ng	99
9) Benzaldehyde	6.596	77	654854	39.321	ng	96
10) Phenol	6.655	94	1260596	38.905	ng	99
11) bis(2-Chloroethyl)ether	6.884	93	960233	38.506	ng	98
12) 1,3-Dichlorobenzene	7.331	146	1180860	38.591	ng	99
13) 1,4-Dichlorobenzene	7.472	146	1221063	39.414	ng	99
14) 1,2-Dichlorobenzene	7.778	146	1166448	39.139	ng	98
15) Benzyl Alcohol	7.672	79	868172	40.790	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.966	45	1191376	36.743	ng	97
17) 2-Methylphenol	7.872	107	833849	39.950	ng	100
18) Hexachloroethane	8.490	117	419070	41.522	ng	98
19) n-Nitroso-di-n-propyla...	8.237	70	750628	39.690	ng	98
20) 3+4-Methylphenols	8.196	107	1157888	39.606	ng	100
22) Acetophenone	8.243	105	1610099	38.768	ng	99
24) Nitrobenzene	8.613	77	1082584	40.250	ng	96
25) Isophorone	9.125	82	1937773	39.268	ng	100
26) 2-Nitrophenol	9.307	139	549914	42.537	ng	99
27) 2,4-Dimethylphenol	9.378	122	726544	39.469	ng	100
28) bis(2-Chloroethoxy)met...	9.619	93	1318134	39.340	ng	100
29) 2,4-Dichlorophenol	9.831	162	1053132	41.259	ng	100
30) 1,2,4-Trichlorobenzene	10.055	180	1126697	39.860	ng	98
31) Naphthalene	10.231	128	3568526	39.464	ng	100
32) Benzoic acid	9.502	122	742438	41.358	ng	100
33) 4-Chloroaniline	10.343	127	1325522	39.280	ng	99
34) Hexachlorobutadiene	10.531	225	672930	41.485	ng	99
35) Caprolactam	11.113	113	342980	39.278	ng	97
36) 4-Chloro-3-methylphenol	11.478	107	1082057	40.566	ng	100
37) 2-Methylnaphthalene	11.860	142	2498141	39.155	ng	99
38) 1-Methylnaphthalene	12.084	142	2440888	39.227	ng	100
40) 1,2,4,5-Tetrachloroben...	12.237	216	1325505	40.172	ng	99
41) Hexachlorocyclopentadiene	12.231	237	394527	45.776	ng	99
43) 2,4,6-Trichlorophenol	12.490	196	859532	43.021	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.554	196	945409	41.754	ng	99
46) 1,1'-Biphenyl	12.901	154	3192503	38.218	ng	100
47) 2-Chloronaphthalene	12.931	162	2454993	39.102	ng	99
48) 2-Nitroaniline	13.143	65	619411	40.719	ng	98
49) Acenaphthylene	13.801	152	3842511	39.987	ng	100
50) Dimethylphthalate	13.554	163	3197825	39.791	ng	99
51) 2,6-Dinitrotoluene	13.660	165	681984	43.511	ng	95
52) Acenaphthene	14.154	154	2470075	39.882	ng	99
53) 3-Nitroaniline	13.984	138	725588	43.196	ng	97
54) 2,4-Dinitrophenol	14.190	184	310757	43.222	ng	98
55) Dibenzofuran	14.495	168	4008109	39.213	ng	99
56) 4-Nitrophenol	14.307	139	642034	41.418	ng	99
57) 2,4-Dinitrotoluene	14.454	165	923588	40.581	ng	95
58) Fluorene	15.154	166	3124903	39.526	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.731	232	878964	42.867	ng	98
60) Diethylphthalate	14.960	149	3275986	40.585	ng	100
61) 4-Chlorophenyl-phenyle...	15.166	204	1536916	39.282	ng	98
62) 4-Nitroaniline	15.172	138	771033	43.776	ng	99
63) Azobenzene	15.466	77	2751108	38.275	ng	98
65) 4,6-Dinitro-2-methylph...	15.242	198	458384	43.897	ng	99
66) n-Nitrosodiphenylamine	15.390	169	2679306	40.297	ng	100
67) 4-Bromophenyl-phenylether	16.084	248	993301	41.757	ng	97
68) Hexachlorobenzene	16.195	284	1173714	40.368	ng	97
69) Atrazine	16.384	200	695137	35.679	ng	99
70) Pentachlorophenol	16.542	266	866735	44.140	ng	99
71) Phenanthrene	16.942	178	4877107	39.287	ng	100
72) Anthracene	17.048	178	4807679	40.368	ng	99
73) Carbazole	17.325	167	4663226	40.046	ng	100
74) Di-n-butylphthalate	17.960	149	5692102	43.895	ng	99
75) Fluoranthene	19.048	202	5947776	40.988	ng	98
77) Benzidine	19.260	184	1753694	39.777	ng	99
78) Pyrene	19.430	202	6228267	40.282	ng	100
80) Butylbenzylphthalate	20.425	149	2556317	43.302	ng	100
81) Benzo(a)anthracene	21.325	228	6007037	39.708	ng	100
82) 3,3'-Dichlorobenzidine	21.254	252	2107604	46.279	ng	100
83) Chrysene	21.389	228	5813634	39.933	ng	99
84) Bis(2-ethylhexyl)phtha...	21.325	149	3760398	46.341	ng	99
85) Di-n-octyl phthalate	22.536	149	6402058	43.659	ng	98
87) Indeno(1,2,3-cd)pyrene	28.006	276	7504481m	41.621	ng	
88) Benzo(b)fluoranthene	23.489	252	6553062	39.779	ng	99
89) Benzo(k)fluoranthene	23.554	252	6427748	39.214	ng	100
90) Benzo(a)pyrene	24.324	252	5758749	41.073	ng	99
91) Dibenzo(a,h)anthracene	28.089	278	6241590	41.879	ng	99
92) Benzo(g,h,i)perylene	29.083	276	6399751	41.567	ng	98

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

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