Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025360.D
Acq On : 12 Aug 2025 10:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 12 11:32:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	195999	20.000	ng	0.00
21) Naphthalene-d8	10.578	136	806810	20.000	ng	0.00
39) Acenaphthene-d10	14.431	164	510213	20.000	ng	0.01
64) Phenanthrene-d10	17.225	188	980228	20.000	ng	0.00
76) Chrysene-d12	21.672	240	1004808	20.000	ng	0.01
86) Perylene-d12	25.065	264	1173448	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	982548	80.628	ng	0.00
7) Phenol-d6	6.972	99	1221952	76.191	ng	0.00
23) Nitrobenzene-d5	8.943	82	1278250	87.773	ng	0.00
42) 2,4,6-Tribromophenol	15.937	330	505405	99.294	ng	0.01
45) 2-Fluorobiphenyl	13.043	172	2982025	80.727	ng	0.01
79) Terphenyl-d14	19.948	244	4317682	81.161	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	196786	40.920	ng	96
3) Pyridine	3.731	79	522263	39.089	ng	95
4) n-Nitrosodimethylamine	3.637	42	214278	34.545	ng	86
6) Aniline	7.131	93	828914	37.650	ng	97
8) 2-Chlorophenol	7.372	128	541859	40.622	ng	98
9) Benzaldehyde	6.949	77	504529m	44.293	ng	
10) Phenol	6.996	94	638346	37.200	ng	99
11) bis(2-Chloroethyl)ether	7.225	93	507444	37.741	ng	98
12) 1,3-Dichlorobenzene	7.696	146	599776	40.016	ng	99
13) 1,4-Dichlorobenzene	7.831	146	606049	39.967	ng	100
14) 1,2-Dichlorobenzene	8.149	146	582943	39.685	ng	99
15) Benzyl Alcohol	8.031	79	460656	37.054	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.325	45	715271	33.676	ng	97
17) 2-Methylphenol	8.231	107	441046	38.411	ng	98
18) Hexachloroethane	8.878	117	225436	41.571	ng	97
19) n-Nitroso-di-n-propyla...	8.596	70	397440	37.717	ng	93
20) 3+4-Methylphenols	8.555	107	594774	37.617	ng	100
22) Acetophenone	8.608	105	818151	40.395	ng	97
24) Nitrobenzene	8.984	77	570928	41.415	ng	97
25) Isophorone	9.507	82	1133598	39.105	ng	100
26) 2-Nitrophenol	9.690	139	294605	48.978	ng	95
27) 2,4-Dimethylphenol	9.749	122	507294	37.957	ng	96
28) bis(2-Chloroethoxy)met...	9.984	93	693183	39.308	ng	99
29) 2,4-Dichlorophenol	10.225	162	486663	41.592	ng	97
30) 1,2,4-Trichlorobenzene	10.437	180	540821	41.895	ng	98
31) Naphthalene	10.625	128	1693306	40.429	ng	99
32) Benzoic acid	9.866	122	353525	46.843	ng	97
33) 4-Chloroaniline	10.725	127	720065	38.655	ng	99
34) Hexachlorobutadiene	10.919	225	322928	43.580	ng	99
35) Caprolactam	11.490	113	180850	39.842	ng	94
36) 4-Chloro-3-methylphenol	11.849	107	542891	40.098	ng	97
37) 2-Methylnaphthalene	12.237	142	1085759	40.051	ng	99
38) 1-Methylnaphthalene	12.449	142	1137953	40.230	ng	99
40) 1,2,4,5-Tetrachloroben...	12.607	216	584136	41.935	ng	99
41) Hexachlorocyclopentadiene	12.590	237	380002	44.201	ng	97
43) 2,4,6-Trichlorophenol	12.837	196	398147	44.246	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.913	196	432915	42.887	ng		98
46) 1,1'-Biphenyl	13.243	154	1513840	40.262	ng		98
47) 2-Chloronaphthalene	13.290	162	1168673	40.740	ng		100
48) 2-Nitroaniline	13.484	65	340186	40.947	ng		93
49) Acenaphthylene	14.148	152	1926679	40.266	ng		100
50) Dimethylphthalate	13.878	163	1485732	39.945	ng		99
51) 2,6-Dinitrotoluene	13.990	165	325633	47.464	ng		91
52) Acenaphthene	14.490	154	1210197	41.464	ng		99
53) 3-Nitroaniline	14.313	138	367478	45.776	ng		96
54) 2,4-Dinitrophenol	14.525	184	151086	51.187	ng	#	52
55) Dibenzofuran	14.831	168	1748610	40.091	ng		99
56) 4-Nitrophenol	14.631	139	275723	38.916	ng		98
57) 2,4-Dinitrotoluene	14.790	165	457773	43.380	ng		97
58) Fluorene	15.495	166	1378667	40.245	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.060	232	373023	44.239	ng		97
60) Diethylphthalate	15.266	149	1496993	39.922	ng		99
61) 4-Chlorophenyl-phenyle...	15.490	204	664819	40.936	ng		99
62) 4-Nitroaniline	15.501	138	362655	45.592	ng		95
63) Azobenzene	15.790	77	1330965	38.207	ng		96
65) 4,6-Dinitro-2-methylph...	15.566	198	239307	53.009	ng		91
66) n-Nitrosodiphenylamine	15.701	169	1251042	41.916	ng		99
67) 4-Bromophenyl-phenylether	16.395	248	426714	43.265	ng		96
68) Hexachlorobenzene	16.519	284	479138	43.296	ng		99
69) Atrazine	16.672	200	448876	42.766	ng		98
70) Pentachlorophenol	16.866	266	304867	43.240	ng		99
71) Phenanthrene	17.266	178	2194412	40.873	ng		100
72) Anthracene	17.360	178	2260955	41.766	ng		100
73) Carbazole	17.642	167	2123650	40.867	ng		99
74) Di-n-butylphthalate	18.236	149	2642646	42.037	ng		99
75) Fluoranthene	19.348	202	2536662	40.815	ng		99
77) Benzidine	19.536	184	1651185	45.402	ng		99
78) Pyrene	19.725	202	2644783	39.582	ng		100
80) Butylbenzylphthalate	20.677	149	1269396	46.843	ng		96
81) Benzo(a)anthracene	21.648	228	2662603	39.876	ng		99
82) 3,3'-Dichlorobenzidine	21.560	252	1033776	43.881	ng		98
83) Chrysene	21.719	228	2512356	40.567	ng		99
84) Bis(2-ethylhexyl)phtha...	21.601	149	1913652	44.225	ng		100
85) Di-n-octyl phthalate	22.901	149	3343958	46.170	ng		97
87) Indeno(1,2,3-cd)pyrene	28.924	276	3496889	41.576	ng	#	95
88) Benzo(b)fluoranthene	23.989	252	2785473	39.654	ng		99
89) Benzo(k)fluoranthene	24.066	252	2802794	40.250	ng		99
90) Benzo(a)pyrene	24.913	252	2748346	40.628	ng		99
91) Dibenzo(a,h)anthracene	29.006	278	2869988	41.664	ng		98
92) Benzo(g,h,i)perylene	30.112	276	2780936	41.135	ng		99

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

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