Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072425\
Data File : BP025235.D
Acq On : 24 Jul 2025 09:54
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 24 10:38:58 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 22 02:55:21 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli

07/25/2025
Supervised By :Jagrut Upadhyay

07/25/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.431	152	649496	20.000	ng		0.00
21) Naphthalene-d8	10.172	136	2443206	20.000	ng		0.00
39) Acenaphthene-d10	14.084	164	1512443	20.000	ng		0.00
64) Phenanthrene-d10	16.890	188	2870456	20.000	ng		0.00
76) Chrysene-d12	21.336	240	2920738	20.000	ng		0.01
86) Perylene-d12	24.483	264	3430262	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.102	112	3063256	79.689	ng		0.00
7) Phenol-d6	6.637	99	3670932	77.105	ng		0.00
23) Nitrobenzene-d5	8.566	82	3580617	81.445	ng		0.00
42) 2,4,6-Tribromophenol	15.613	330	1745820	78.299	ng		0.00
45) 2-Fluorobiphenyl	12.684	172	8812997	82.150	ng		0.00
79) Terphenyl-d14	19.672	244	12067861	81.563	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.126	88	576775	40.035	ng		100
3) Pyridine	3.502	79	1507362	39.086	ng		99
4) n-Nitrosodimethylamine	3.414	42	599578	39.204	ng		97
6) Aniline	6.778	93	2376957	38.195	ng		100
8) 2-Chlorophenol	7.008	128	1709292	39.190	ng		100
9) Benzaldehyde	6.596	77	1268005	39.282	ng		99
10) Phenol	6.667	94	1896438	38.410	ng		99
11) bis(2-Chloroethyl)ether	6.878	93	1455339	38.447	ng		99
12) 1,3-Dichlorobenzene	7.319	146	1923987	39.227	ng		100
13) 1,4-Dichlorobenzene	7.466	146	1955888	39.506	ng		99
14) 1,2-Dichlorobenzene	7.772	146	1860596	39.066	ng		99
15) Benzyl Alcohol	7.672	79	1290228	37.570	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.955	45	1830222	37.788	ng		99
17) 2-Methylphenol	7.878	107	1305996	38.153	ng		99
18) Hexachloroethane	8.484	117	679867	39.932	ng		98
19) n-Nitroso-di-n-propyla...	8.231	70	1047716	36.581	ng		99
20) 3+4-Methylphenols	8.202	107	1750298	37.486	ng		98
22) Acetophenone	8.237	105	2297799	40.417	ng	#	99
24) Nitrobenzene	8.608	77	1596106	40.727	ng		99
25) Isophorone	9.125	82	2997239	38.768	ng		100
26) 2-Nitrophenol	9.308	139	948269	42.136	ng		99
27) 2,4-Dimethylphenol	9.378	122	1492816	39.641	ng		99
28) bis(2-Chloroethoxy)met...	9.608	93	1900444	39.300	ng		99
29) 2,4-Dichlorophenol	9.831	162	1542575	39.872	ng		99
30) 1,2,4-Trichlorobenzene	10.043	180	1705790	40.368	ng		100
31) Naphthalene	10.225	128	4950995	39.601	ng		100
32) Benzoic acid	9.531	122	1138590	39.604	ng		100
33) 4-Chloroaniline	10.337	127	2147503	39.076	ng		100
34) Hexachlorobutadiene	10.513	225	1035992	40.734	ng		100
35) Caprolactam	11.137	113	475459	37.029	ng		99
36) 4-Chloro-3-methylphenol	11.484	107	1488560	38.490	ng		100
37) 2-Methylnaphthalene	11.854	142	3143126	38.717	ng		100
38) 1-Methylnaphthalene	12.078	142	3335435	39.113	ng		99
40) 1,2,4,5-Tetrachloroben...	12.231	216	1843649	40.667	ng		100
41) Hexachlorocyclopentadiene	12.213	237	1109081	40.982	ng		98
43) 2,4,6-Trichlorophenol	12.484	196	1258434	40.626	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.554	196	1365054	40.045	ng	99
46) 1,1'-Biphenyl	12.890	154	4359447	39.761	ng	100
47) 2-Chloronaphthalene	12.925	162	3420180	39.956	ng	99
48) 2-Nitroaniline	13.143	65	879532	40.235	ng	97
49) Acenaphthylene	13.796	152	5605826	40.490	ng	100
50) Dimethylphthalate	13.549	163	4108256	37.981	ng	99
51) 2,6-Dinitrotoluene	13.654	165	929909	39.566	ng	99
52) Acenaphthene	14.154	154	3140921	39.232	ng	99
53) 3-Nitroaniline	13.984	138	1042220	39.324	ng	98
54) 2,4-Dinitrophenol	14.201	184	556606	39.971	ng	98
55) Dibenzofuran	14.496	168	5005461	38.706	ng	100
56) 4-Nitrophenol	14.325	139	860799	37.955	ng	97
57) 2,4-Dinitrotoluene	14.460	165	1322539	40.200	ng	98
58) Fluorene	15.154	166	4015456	39.111	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.725	232	1170371	38.796	ng	100
60) Diethylphthalate	14.948	149	4118837	38.635	ng	100
61) 4-Chlorophenyl-phenyle...	15.166	204	2022647	38.988	ng	99
62) 4-Nitroaniline	15.184	138	1056129	39.182	ng	96
63) Azobenzene	15.454	77	3390647	39.029	ng	97
65) 4,6-Dinitro-2-methylph...	15.254	198	772292	41.690	ng	97
66) n-Nitrosodiphenylamine	15.378	169	3512885	40.320	ng	100
67) 4-Bromophenyl-phenylether	16.078	248	1343189	40.095	ng	99
68) Hexachlorobenzene	16.190	284	1590712	39.985	ng	97
69) Atrazine	16.384	200	1290595	40.031	ng	99
70) Pentachlorophenol	16.542	266	1096919	40.547	ng	99
71) Phenanthrene	16.931	178	6217148	40.158	ng	99
72) Anthracene	17.048	178	6373169	40.863	ng	100
73) Carbazole	17.325	167	5826199	39.132	ng	99
74) Di-n-butylphthalate	17.942	149	7095878	41.306	ng	99
75) Fluoranthene	19.048	202	7225951	39.658	ng	99
77) Benzidine	19.260	184	4481329	43.703	ng	99
78) Pyrene	19.419	202	7332282	40.715	ng	100
80) Butylbenzylphthalate	20.419	149	3256921	39.953	ng	99
81) Benzo(a)anthracene	21.319	228	7336615	39.776	ng	100
82) 3,3'-Dichlorobenzidine	21.248	252	2994026	39.160	ng	100
83) Chrysene	21.383	228	6919345	40.187	ng	99
84) Bis(2-ethylhexyl)phtha...	21.301	149	4621316	39.646	ng	99
85) Di-n-octyl phthalate	22.513	149	8109623	40.289	ng	99
87) Indeno(1,2,3-cd)pyrene	28.018	276	9990662m	39.855	ng	
88) Benzo(b)fluoranthene	23.501	252	7895252	40.210	ng	99
89) Benzo(k)fluoranthene	23.572	252	7731375	39.885	ng	100
90) Benzo(a)pyrene	24.342	252	7615911	39.754	ng	99
91) Dibenzo(a,h)anthracene	28.101	278	8139639	39.800	ng	100
92) Benzo(g,h,i)perylene	29.124	276	7957804	39.594	ng	98

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

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