Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144382.D
Acq On : 01 Dec 2025 12:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 01 13:07:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	58717	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	221118	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	119295	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	191565	20.000	ng	0.00
76) Chrysene-d12	14.045	240	137289	20.000	ng	0.00
86) Perylene-d12	15.527	264	182291	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	313920	83.663	ng	0.00
7) Phenol-d6	6.498	99	347086	81.638	ng	0.00
23) Nitrobenzene-d5	7.428	82	307849	80.409	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	107298	71.675	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	622643	77.086	ng	0.00
79) Terphenyl-d14	12.980	244	600969	69.531	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.575	88	68402	44.094	ng	96
3) Pyridine	3.351	79	187981	43.435	ng	98
4) n-Nitrosodimethylamine	3.298	42	86064	38.071	ng	91
6) Aniline	6.528	93	244717	40.400	ng	91
8) 2-Chlorophenol	6.651	128	154379	41.954	ng	99
9) Benzaldehyde	6.416	77	116553	48.549	ng	98
10) Phenol	6.516	94	212470	40.903	ng	84
11) bis(2-Chloroethyl)ether	6.598	93	159024	42.014	ng	99
12) 1,3-Dichlorobenzene	6.804	146	180848	39.829	ng	97
13) 1,4-Dichlorobenzene	6.881	146	182952	40.218	ng	99
14) 1,2-Dichlorobenzene	7.034	146	171877	39.420	ng	99
15) Benzyl Alcohol	7.010	79	132720	39.424	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.134	45	287361	41.227	ng	88
17) 2-Methylphenol	7.122	107	118607	40.517	ng	97
18) Hexachloroethane	7.375	117	60409	39.971	ng	100
19) n-Nitroso-di-n-propyla...	7.275	70	104910	37.484	ng	98
20) 3+4-Methylphenols	7.275	107	137064	39.719	ng	95
22) Acetophenone	7.275	105	183860	38.761	ng	97
24) Nitrobenzene	7.451	77	168032	40.422	ng	97
25) Isophorone	7.686	82	288281	39.808	ng	98
26) 2-Nitrophenol	7.763	139	87141	42.348	ng	96
27) 2,4-Dimethylphenol	7.798	122	126939m	41.158	ng	
28) bis(2-Chloroethoxy)met...	7.892	93	187333	41.425	ng	98
29) 2,4-Dichlorophenol	8.010	162	143010	40.230	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	140198	38.408	ng	99
31) Naphthalene	8.169	128	425428	40.446	ng	99
32) Benzoic acid	7.916	122	86617m	38.313	ng	
33) 4-Chloroaniline	8.222	127	155895	40.638	ng	98
34) Hexachlorobutadiene	8.281	225	101051	36.733	ng	98
35) Caprolactam	8.592	113	39341	40.395	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	127233	39.937	ng	99
37) 2-Methylnaphthalene	8.863	142	276714	39.348	ng	99
38) 1-Methylnaphthalene	8.957	142	261880	38.593	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	149328	38.194	ng	97
41) Hexachlorocyclopentadiene	9.010	237	37801	33.548	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	103805	39.010	ng	100

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44) 2,4,5-Trichlorophenol	9.186	196	109307	38.113	ng		99
46) 1,1'-Biphenyl	9.322	154	337329	40.510	ng		100
47) 2-Chloronaphthalene	9.351	162	284497	40.052	ng		99
48) 2-Nitroaniline	9.451	65	84742	41.348	ng		94
49) Acenaphthylene	9.763	152	384106	39.682	ng		100
50) Dimethylphthalate	9.616	163	303102	38.352	ng		99
51) 2,6-Dinitrotoluene	9.686	165	64232	40.149	ng		97
52) Acenaphthene	9.939	154	235733	36.418	ng		99
53) 3-Nitroaniline	9.863	138	71774	41.041	ng		96
54) 2,4-Dinitrophenol	9.975	184	42780	44.283	ng		97
55) Dibenzofuran	10.110	168	351740	38.799	ng		99
56) 4-Nitrophenol	10.033	139	45990	36.354	ng		89
57) 2,4-Dinitrotoluene	10.098	165	85136	39.752	ng		98
58) Fluorene	10.457	166	266464	38.659	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	74216	36.576	ng	#	100
60) Diethylphthalate	10.322	149	274187	37.635	ng		100
61) 4-Chlorophenyl-phenyle...	10.445	204	147621	37.599	ng		99
62) 4-Nitroaniline	10.474	138	65981	39.617	ng		93
63) Azobenzene	10.604	77	267889	39.510	ng		96
65) 4,6-Dinitro-2-methylph...	10.510	198	48786	37.488	ng		96
66) n-Nitrosodiphenylamine	10.563	169	254610	41.324	ng		99
67) 4-Bromophenyl-phenylether	10.933	248	94832	38.784	ng		99
68) Hexachlorobenzene	11.004	284	111963	38.875	ng		98
69) Atrazine	11.092	200	71941	36.716	ng		96
70) Pentachlorophenol	11.204	266	60464	42.160	ng		99
71) Phenanthrene	11.421	178	383477	40.206	ng		99
72) Anthracene	11.474	178	389942	40.207	ng		99
73) Carbazole	11.627	167	335985	40.741	ng		99
74) Di-n-butylphthalate	11.951	149	399779	40.101	ng		99
75) Fluoranthene	12.616	202	393834	39.973	ng		99
77) Benzidine	12.733	184	205721	50.659	ng		99
78) Pyrene	12.845	202	401965	36.313	ng		98
80) Butylbenzylphthalate	13.457	149	148885	38.807	ng		96
81) Benzo(a)anthracene	14.033	228	388268	40.805	ng		100
82) 3,3'-Dichlorobenzidine	13.998	252	134399	41.207	ng		98
83) Chrysene	14.074	228	340440	38.758	ng		98
84) Bis(2-ethylhexyl)phtha...	14.015	149	212428	40.447	ng		98
85) Di-n-octyl phthalate	14.627	149	390334	43.076	ng		100
87) Indeno(1,2,3-cd)pyrene	17.045	276	499107	38.142	ng	#	95
88) Benzo(b)fluoranthene	15.098	252	412945m	39.846	ng		
89) Benzo(k)fluoranthene	15.127	252	387886	39.987	ng		98
90) Benzo(a)pyrene	15.468	252	384963	40.265	ng	#	99
91) Dibenzo(a,h)anthracene	17.056	278	405260	38.563	ng		98
92) Benzo(g,h,i)perylene	17.498	276	397188	38.273	ng		97

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

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