Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090525\
Data File : BF143657.D
Acq On : 05 Sep 2025 14:39
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 05 15:11:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 03 18:35:49 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	76029	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	290198	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	168167	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	279795	20.000	ng		0.00
76) Chrysene-d12	14.051	240	169211	20.000	ng		0.00
86) Perylene-d12	15.527	264	167029	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	327545	76.322	ng		0.00
7) Phenol-d6	6.504	99	395900	74.326	ng		0.00
23) Nitrobenzene-d5	7.451	82	352848	85.457	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	127653	90.775	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	775175	73.645	ng		0.00
79) Terphenyl-d14	12.998	244	786668	77.463	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	73597	36.347	ng		94
3) Pyridine	3.440	79	191212	35.643	ng		94
4) n-Nitrosodimethylamine	3.387	42	76447	34.311	ng		90
6) Aniline	6.551	93	265818	35.852	ng		99
8) 2-Chlorophenol	6.669	128	177348	39.903	ng		98
9) Benzaldehyde	6.440	77	154711	39.092	ng		100
10) Phenol	6.522	94	218336m	37.387	ng		
11) bis(2-Chloroethyl)ether	6.622	93	166363	36.375	ng		97
12) 1,3-Dichlorobenzene	6.834	146	198003	36.098	ng		97
13) 1,4-Dichlorobenzene	6.910	146	197578	35.914	ng		99
14) 1,2-Dichlorobenzene	7.057	146	189835	36.460	ng		100
15) Benzyl Alcohol	7.028	79	148148	36.603	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	236608	32.870	ng		99
17) 2-Methylphenol	7.134	107	142687	36.719	ng		99
18) Hexachloroethane	7.404	117	67339	39.235	ng		98
19) n-Nitroso-di-n-propyla...	7.298	70	123563	36.428	ng		97
20) 3+4-Methylphenols	7.287	107	187286	38.287	ng		93
22) Acetophenone	7.298	105	235861	35.940	ng	#	95
24) Nitrobenzene	7.469	77	181577	41.129	ng		98
25) Isophorone	7.710	82	336745	36.192	ng		98
26) 2-Nitrophenol	7.787	139	87406	46.295	ng		95
27) 2,4-Dimethylphenol	7.816	122	157313	38.834	ng		99
28) bis(2-Chloroethoxy)met...	7.916	93	205758	36.173	ng		100
29) 2,4-Dichlorophenol	8.022	162	157300	39.571	ng		98
30) 1,2,4-Trichlorobenzene	8.110	180	161182	37.207	ng		99
31) Naphthalene	8.192	128	520190	36.647	ng		99
32) Benzoic acid	7.910	122	96093	40.419	ng		97
33) 4-Chloroaniline	8.239	127	185728	37.788	ng		98
34) Hexachlorobutadiene	8.310	225	104061	36.929	ng		99
35) Caprolactam	8.610	113	43879	41.191	ng	#	88
36) 4-Chloro-3-methylphenol	8.710	107	163169	39.200	ng		99
37) 2-Methylnaphthalene	8.886	142	355636	37.040	ng		100
38) 1-Methylnaphthalene	8.981	142	346401	37.736	ng		97
40) 1,2,4,5-Tetrachloroben...	9.045	216	170922	36.776	ng		100
41) Hexachlorocyclopentadiene	9.039	237	90485	40.093	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	118068	41.233	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	119259	40.343	ng		99
46) 1,1'-Biphenyl	9.351	154	437403	36.572	ng		99
47) 2-Chloronaphthalene	9.375	162	341936	36.532	ng		99
48) 2-Nitroaniline	9.463	65	100428	40.112	ng		97
49) Acenaphthylene	9.786	152	497617	36.891	ng		100
50) Dimethylphthalate	9.645	163	407380	38.257	ng		100
51) 2,6-Dinitrotoluene	9.704	165	81293	42.456	ng		97
52) Acenaphthene	9.963	154	335464	37.178	ng		99
53) 3-Nitroaniline	9.875	138	86740	40.888	ng		95
54) 2,4-Dinitrophenol	9.975	184	34261	48.569	ng	#	44
55) Dibenzofuran	10.133	168	484866	36.987	ng		98
56) 4-Nitrophenol	10.022	139	70485	44.644	ng		96
57) 2,4-Dinitrotoluene	10.110	165	109490	42.270	ng		94
58) Fluorene	10.475	166	377693	37.249	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	99472	44.307	ng		99
60) Diethylphthalate	10.345	149	391812	38.758	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	189457	37.445	ng		99
62) 4-Nitroaniline	10.486	138	85852	41.466	ng		97
63) Azobenzene	10.628	77	343479	36.045	ng		98
65) 4,6-Dinitro-2-methylph...	10.516	198	50621	43.620	ng		92
66) n-Nitrosodiphenylamine	10.586	169	326786	36.185	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	120347	37.087	ng		97
68) Hexachlorobenzene	11.022	284	126016	36.969	ng		99
69) Atrazine	11.110	200	108924	40.344	ng		99
70) Pentachlorophenol	11.210	266	81324	42.472	ng		98
71) Phenanthrene	11.439	178	551638	36.461	ng		100
72) Anthracene	11.492	178	562767	37.087	ng		100
73) Carbazole	11.639	167	485846	37.986	ng		99
74) Di-n-butylphthalate	11.974	149	590073	41.089	ng		100
75) Fluoranthene	12.627	202	526689	37.904	ng		100
77) Benzidine	12.745	184	161281	41.660	ng		99
78) Pyrene	12.857	202	526245	37.689	ng		100
80) Butylbenzylphthalate	13.469	149	170698	39.036	ng		98
81) Benzo(a)anthracene	14.039	228	394278	35.974	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	116225	38.901	ng		99
83) Chrysene	14.074	228	371856	37.744	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	221401	36.204	ng		98
85) Di-n-octyl phthalate	14.645	149	380653	37.916	ng		97
87) Indeno(1,2,3-cd)pyrene	17.015	276	427840	36.743	ng		99
88) Benzo(b)fluoranthene	15.092	252	343777	34.161	ng		100
89) Benzo(k)fluoranthene	15.121	252	348151	40.004	ng		99
90) Benzo(a)pyrene	15.463	252	319461	36.930	ng		99
91) Dibenzo(a,h)anthracene	17.039	278	354031	36.965	ng		99
92) Benzo(g,h,i)perylene	17.468	276	338459	36.686	ng		99

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

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