Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090425\
Data File : BF143635.D
Acq On : 04 Sep 2025 10:50
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 04 11:24:17 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 :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	108440	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	416318	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	235860	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	388625	20.000	ng		0.00
76) Chrysene-d12	14.057	240	229702	20.000	ng		0.00
86) Perylene-d12	15.527	264	218824	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	503641	82.279	ng		0.00
7) Phenol-d6	6.510	99	620091	81.620	ng		0.00
23) Nitrobenzene-d5	7.457	82	537882	90.806	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	188259	95.450	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	1163119	78.787	ng		0.00
79) Terphenyl-d14	13.004	244	1161325	84.241	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	114856	39.770	ng		98
3) Pyridine	3.446	79	307325	40.165	ng		97
4) n-Nitrosodimethylamine	3.399	42	128114	40.315	ng		96
6) Aniline	6.557	93	428387	40.509	ng		99
8) 2-Chlorophenol	6.675	128	274128	43.244	ng		99
9) Benzaldehyde	6.445	77	228004	40.392	ng		100
10) Phenol	6.528	94	349490m	41.959	ng		
11) bis(2-Chloroethyl)ether	6.628	93	265696	40.730	ng		98
12) 1,3-Dichlorobenzene	6.834	146	309388	39.547	ng		99
13) 1,4-Dichlorobenzene	6.910	146	308574	39.325	ng		99
14) 1,2-Dichlorobenzene	7.063	146	295499	39.792	ng		100
15) Benzyl Alcohol	7.028	79	240372	41.639	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	400127	38.973	ng		100
17) 2-Methylphenol	7.134	107	227491	41.045	ng		99
18) Hexachloroethane	7.404	117	102406	41.833	ng		99
19) n-Nitroso-di-n-propyla...	7.310	70	198760	41.083	ng		98
20) 3+4-Methylphenols	7.292	107	284953	40.842	ng	#	85
22) Acetophenone	7.304	105	375612	39.896	ng		96
24) Nitrobenzene	7.475	77	288831	45.604	ng		100
25) Isophorone	7.716	82	546872	40.970	ng		100
26) 2-Nitrophenol	7.787	139	118479	44.341	ng		98
27) 2,4-Dimethylphenol	7.822	122	244943	42.149	ng		99
28) bis(2-Chloroethoxy)met...	7.922	93	325496	39.889	ng		100
29) 2,4-Dichlorophenol	8.022	162	247623	43.422	ng		99
30) 1,2,4-Trichlorobenzene	8.116	180	252272	40.592	ng		99
31) Naphthalene	8.198	128	816198	40.082	ng		99
32) Benzoic acid	7.928	122	138223	40.507	ng		97
33) 4-Chloroaniline	8.239	127	289753	41.094	ng		100
34) Hexachlorobutadiene	8.316	225	163351	40.408	ng		98
35) Caprolactam	8.622	113	72377	47.360	ng		91
36) 4-Chloro-3-methylphenol	8.716	107	255773	42.832	ng		100
37) 2-Methylnaphthalene	8.886	142	550439	39.962	ng		99
38) 1-Methylnaphthalene	8.986	142	532672	40.449	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	260703	39.995	ng		99
41) Hexachlorocyclopentadiene	9.039	237	131831	41.648	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	191202	47.609	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	178012	42.935	ng		99
46) 1,1'-Biphenyl	9.351	154	668703	39.864	ng		99
47) 2-Chloronaphthalene	9.375	162	536229	40.848	ng		99
48) 2-Nitroaniline	9.469	65	152002	43.035	ng		97
49) Acenaphthylene	9.792	152	760795	40.214	ng		100
50) Dimethylphthalate	9.645	163	633294	42.404	ng		100
51) 2,6-Dinitrotoluene	9.710	165	117530	43.648	ng		98
52) Acenaphthene	9.963	154	518396	40.963	ng		100
53) 3-Nitroaniline	9.881	138	132974	44.412	ng		95
54) 2,4-Dinitrophenol	9.980	184	45001	46.466	ng	#	20
55) Dibenzofuran	10.139	168	743703	40.450	ng		99
56) 4-Nitrophenol	10.028	139	106235	47.975	ng		99
57) 2,4-Dinitrotoluene	10.110	165	162245	44.442	ng		99
58) Fluorene	10.480	166	577351	40.598	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	149707	47.545	ng		99
60) Diethylphthalate	10.351	149	607225	42.827	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	290489	40.935	ng		99
62) 4-Nitroaniline	10.498	138	132287	45.279	ng		98
63) Azobenzene	10.633	77	547431	40.961	ng		99
65) 4,6-Dinitro-2-methylph...	10.522	198	68400	42.666	ng		96
66) n-Nitrosodiphenylamine	10.592	169	498909	39.774	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	181760	40.326	ng		97
68) Hexachlorobenzene	11.028	284	189225	39.967	ng		99
69) Atrazine	11.116	200	169554	45.214	ng		98
70) Pentachlorophenol	11.216	266	122450	46.042	ng		98
71) Phenanthrene	11.445	178	845762	40.247	ng		100
72) Anthracene	11.492	178	857401	40.681	ng		100
73) Carbazole	11.645	167	739923	41.651	ng		100
74) Di-n-butylphthalate	11.975	149	902534	45.248	ng		99
75) Fluoranthene	12.627	202	808632	41.898	ng		99
77) Benzidine	12.745	184	251647	47.884	ng		99
78) Pyrene	12.857	202	818345	43.174	ng		100
80) Butylbenzylphthalate	13.474	149	263764	43.978	ng		99
81) Benzo(a)anthracene	14.045	228	596803	40.113	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	173156	42.694	ng		99
83) Chrysene	14.080	228	539994	40.376	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	331911	39.679	ng		99
85) Di-n-octyl phthalate	14.651	149	566937	41.600	ng		98
87) Indeno(1,2,3-cd)pyrene	17.027	276	649652	42.586	ng		100
88) Benzo(b)fluoranthene	15.098	252	515883	39.130	ng		99
89) Benzo(k)fluoranthene	15.127	252	495591	43.467	ng		99
90) Benzo(a)pyrene	15.468	252	471014	41.562	ng		100
91) Dibenzo(a,h)anthracene	17.045	278	532048	42.403	ng		100
92) Benzo(g,h,i)perylene	17.480	276	504957	41.777	ng		99

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

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