Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
Data File : BF143897.D
Acq On : 08 Oct 2025 16:09
Operator : RC/JU
Sample : Q3303-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 08 16:30:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
HL-WESTMS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	104977	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	414079	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	230955	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	411834	20.000	ng		0.00
76) Chrysene-d12	14.063	240	249185	20.000	ng		0.00
86) Perylene-d12	15.539	264	296275	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	586227	88.679	ng		0.00
7) Phenol-d6	6.504	99	726044	92.142	ng		-0.01
23) Nitrobenzene-d5	7.439	82	409871	60.137	ng		-0.02
42) 2,4,6-Tribromophenol	10.716	330	210519	91.516	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	777296	53.403	ng		-0.01
79) Terphenyl-d14	13.004	244	907922	62.271	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	142615	46.620	ng		99
3) Pyridine	3.440	79	406085	45.600	ng		99
4) n-Nitrosodimethylamine	3.393	42	251160	53.612	ng		99
6) Aniline	6.545	93	439695	37.238	ng		99
8) 2-Chlorophenol	6.663	128	330312	51.117	ng		98
9) Benzaldehyde	6.434	77	200501	32.986	ng		99
10) Phenol	6.516	94	491177	52.140	ng		98
11) bis(2-Chloroethyl)ether	6.616	93	360197	49.498	ng		98
12) 1,3-Dichlorobenzene	6.822	146	389590	50.367	ng		99
13) 1,4-Dichlorobenzene	6.898	146	387346	50.766	ng		99
14) 1,2-Dichlorobenzene	7.051	146	375725	51.411	ng		100
15) Benzyl Alcohol	7.022	79	317661	53.805	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	842961	50.891	ng		100
17) 2-Methylphenol	7.128	107	270788	50.706	ng		98
18) Hexachloroethane	7.398	117	129059	50.719	ng		98
19) n-Nitroso-di-n-propyla...	7.292	70	263410	48.837	ng		99
20) 3+4-Methylphenols	7.281	107	312761	50.531	ng	#	88
22) Acetophenone	7.292	105	462199	52.790	ng		98
24) Nitrobenzene	7.463	77	388361	51.311	ng		98
25) Isophorone	7.704	82	710657	49.451	ng		99
26) 2-Nitrophenol	7.781	139	183382	56.513	ng		98
27) 2,4-Dimethylphenol	7.810	122	327606	56.123	ng		98
28) bis(2-Chloroethoxy)met...	7.910	93	442496	48.744	ng		99
29) 2,4-Dichlorophenol	8.016	162	299378	49.237	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	306837	51.312	ng		99
31) Naphthalene	8.186	128	915469	48.602	ng		99
32) Benzoic acid	7.928	122	248384	61.484	ng		96
33) 4-Chloroaniline	8.234	127	158601	22.450	ng		98
34) Hexachlorobutadiene	8.304	225	199956	48.120	ng		98
35) Caprolactam	8.598	113	108060m	55.895	ng		
36) 4-Chloro-3-methylphenol	8.710	107	296553	50.775	ng		99
37) 2-Methylnaphthalene	8.881	142	565794	45.093	ng		99
38) 1-Methylnaphthalene	8.981	142	570133	46.846	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	328286	51.429	ng		97
41) Hexachlorocyclopentadiene	9.033	237	324817	122.658	ng		98
43) 2,4,6-Trichlorophenol	9.157	196	237523	50.927	ng		95

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44) 2,4,5-Trichlorophenol	9.192	196	246975	50.109	ng	98
46) 1,1'-Biphenyl	9.345	154	802287	52.467	ng	99
47) 2-Chloronaphthalene	9.369	162	619852	48.619	ng	98
48) 2-Nitroaniline	9.463	65	223250	55.387	ng	98
49) Acenaphthylene	9.786	152	986871	55.060	ng	99
50) Dimethylphthalate	9.645	163	742221	50.606	ng	100
51) 2,6-Dinitrotoluene	9.704	165	161271	59.299	ng	99
52) Acenaphthene	9.957	154	605597	51.564	ng	99
53) 3-Nitroaniline	9.875	138	123200	36.996	ng	99
54) 2,4-Dinitrophenol	9.980	184	151792	89.574	ng	96
55) Dibenzofuran	10.133	168	823986	49.701	ng	99
56) 4-Nitrophenol	10.033	139	279884	111.003	ng	97
57) 2,4-Dinitrotoluene	10.110	165	223089	60.287	ng	99
58) Fluorene	10.475	166	623639	49.852	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	187732	53.808	ng	99
60) Diethylphthalate	10.345	149	694553	50.975	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	316810	47.901	ng	96
62) 4-Nitroaniline	10.492	138	178740	55.817	ng	98
63) Azobenzene	10.628	77	804430	56.489	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	116089	56.093	ng	96
66) n-Nitrosodiphenylamine	10.586	169	635321	49.131	ng	97
67) 4-Bromophenyl-phenylether	10.957	248	215388	47.323	ng	98
68) Hexachlorobenzene	11.022	284	252307	47.883	ng	98
69) Atrazine	11.110	200	210679	53.753	ng	99
70) Pentachlorophenol	11.216	266	303883	100.416	ng	98
71) Phenanthrene	11.439	178	980285	49.098	ng	99
72) Anthracene	11.492	178	1014637	50.304	ng	100
73) Carbazole	11.645	167	920583	51.533	ng	99
74) Di-n-butylphthalate	11.974	149	1108092	53.521	ng	100
75) Fluoranthene	12.633	202	1098785	53.279	ng	98
77) Benzidine	12.751	184	499277	57.704	ng	98
78) Pyrene	12.863	202	1081251	52.048	ng	99
80) Butylbenzylphthalate	13.480	149	422920	62.685	ng	98
81) Benzo(a)anthracene	14.051	228	845739	51.864	ng	100
82) 3,3'-Dichlorobenzidine	14.016	252	150568	30.299	ng	97
83) Chrysene	14.092	228	817672	54.178	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	499120	61.370	ng	100
85) Di-n-octyl phthalate	14.657	149	832020	62.287	ng	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	942712	51.928	ng	99
88) Benzo(b)fluoranthene	15.110	252	807663	47.457	ng	99
89) Benzo(k)fluoranthene	15.139	252	834181	52.971	ng	98
90) Benzo(a)pyrene	15.480	252	806435	54.647	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	741799	50.806	ng	98
92) Benzo(g,h,i)perylene	17.498	276	723686	49.565	ng	99

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

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