Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100925\
Data File : BF143913.D
Acq On : 09 Oct 2025 17:17
Operator : RC/JU
Sample : Q3302-06MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MS

Quant Time: Oct 09 18:50:42 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	91642	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	354294	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	193934	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	317040	20.000	ng	0.00
76) Chrysene-d12	14.063	240	209339	20.000	ng	0.00
86) Perylene-d12	15.539	264	268756	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	879852	152.462	ng	0.01
7) Phenol-d6	6.510	99	986727	143.446	ng	0.00
23) Nitrobenzene-d5	7.445	82	681239	116.820	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	311405	161.214	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1263361	103.366	ng	-0.01
79) Terphenyl-d14	13.004	244	1235567	100.874	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.810	88	128795	48.229	ng	# 80
3) Pyridine	3.528	79	340852	43.844	ng	97
4) n-Nitrosodimethylamine	3.463	42	217176	53.104	ng	95
6) Aniline	6.545	93	237917	23.082	ng	97
8) 2-Chlorophenol	6.669	128	302725	53.664	ng	98
9) Benzaldehyde	6.434	77	89528	16.872	ng	99
10) Phenol	6.522	94	393703	47.874	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	323674	50.951	ng	98
12) 1,3-Dichlorobenzene	6.822	146	328914	48.710	ng	99
13) 1,4-Dichlorobenzene	6.898	146	337006	50.596	ng	100
14) 1,2-Dichlorobenzene	7.051	146	322504	50.550	ng	100
15) Benzyl Alcohol	7.022	79	297223	57.669	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.157	45	742214	51.328	ng	100
17) 2-Methylphenol	7.134	107	250048	53.635	ng	98
18) Hexachloroethane	7.398	117	107670	48.471	ng	95
19) n-Nitroso-di-n-propyla...	7.293	70	238095	50.567	ng	98
20) 3+4-Methylphenols	7.281	107	291532	53.955	ng	89
22) Acetophenone	7.293	105	422920	56.455	ng	99
24) Nitrobenzene	7.463	77	343990	53.118	ng	97
25) Isophorone	7.704	82	641647	52.183	ng	99
26) 2-Nitrophenol	7.781	139	163585	58.919	ng	99
27) 2,4-Dimethylphenol	7.810	122	293836	58.832	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	405854	52.252	ng	99
29) 2,4-Dichlorophenol	8.016	162	278036	53.444	ng	97
30) 1,2,4-Trichlorobenzene	8.104	180	275166	53.780	ng	99
31) Naphthalene	8.187	128	827230	51.328	ng	100
32) Benzoic acid	7.928	122	232440	67.246	ng	98
33) 4-Chloroaniline	8.234	127	120182	19.883	ng	97
34) Hexachlorobutadiene	8.304	225	174699	49.136	ng	96
35) Caprolactam	8.598	113	84158	50.877	ng	97
36) 4-Chloro-3-methylphenol	8.710	107	263177	52.664	ng	99
37) 2-Methylnaphthalene	8.875	142	518551	48.302	ng	100
38) 1-Methylnaphthalene	8.975	142	522394	50.166	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	301548	56.258	ng	98
41) Hexachlorocyclopentadiene	9.034	237	292149	131.381	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	213529	54.522	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	220251	53.218	ng		99
46) 1,1'-Biphenyl	9.345	154	739181	57.568	ng		99
47) 2-Chloronaphthalene	9.369	162	560912	52.394	ng		98
48) 2-Nitroaniline	9.463	65	192929	57.001	ng		96
49) Acenaphthylene	9.786	152	892467	59.298	ng		99
50) Dimethylphthalate	9.645	163	649021	52.699	ng		100
51) 2,6-Dinitrotoluene	9.704	165	143619	62.889	ng		94
52) Acenaphthene	9.957	154	556443	56.423	ng		99
53) 3-Nitroaniline	9.875	138	92061	32.923	ng		97
54) 2,4-Dinitrophenol	9.981	184	146580	101.969	ng		95
55) Dibenzofuran	10.128	168	722794	51.920	ng		99
56) 4-Nitrophenol	10.034	139	208253	98.361	ng		99
57) 2,4-Dinitrotoluene	10.110	165	185900	59.828	ng		99
58) Fluorene	10.475	166	545988	51.976	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	164409	56.118	ng		98
60) Diethylphthalate	10.345	149	595285	52.029	ng		100
61) 4-Chlorophenyl-phenyle...	10.463	204	284889	51.297	ng		97
62) 4-Nitroaniline	10.486	138	133656	49.705	ng		95
63) Azobenzene	10.628	77	625864	52.340	ng		98
65) 4,6-Dinitro-2-methylph...	10.516	198	100430	63.036	ng		98
66) n-Nitrosodiphenylamine	10.581	169	546647	54.913	ng		98
67) 4-Bromophenyl-phenylether	10.957	248	186635	53.267	ng		98
68) Hexachlorobenzene	11.022	284	222202	54.779	ng		96
69) Atrazine	11.110	200	159544	52.878	ng		99
70) Pentachlorophenol	11.216	266	245543	105.397	ng		98
71) Phenanthrene	11.439	178	804259	52.326	ng		99
72) Anthracene	11.492	178	819917	52.804	ng		99
73) Carbazole	11.645	167	717055	52.141	ng		100
74) Di-n-butylphthalate	11.975	149	880976	55.274	ng		100
75) Fluoranthene	12.627	202	835937	52.653	ng		99
77) Benzidine	12.751	184	38401	5.283	ng	#	93
78) Pyrene	12.857	202	842759	48.289	ng		99
80) Butylbenzylphthalate	13.474	149	315493	55.663	ng		97
81) Benzo(a)anthracene	14.051	228	748494	54.638	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	192788	46.179	ng	#	99
83) Chrysene	14.086	228	695890	54.885	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	422067	61.774	ng		99
85) Di-n-octyl phthalate	14.651	149	747630	66.623	ng		100
87) Indeno(1,2,3-cd)pyrene	17.045	276	945058	57.388	ng		99
88) Benzo(b)fluoranthene	15.104	252	805581	52.181	ng		99
89) Benzo(k)fluoranthene	15.139	252	744867	52.142	ng		99
90) Benzo(a)pyrene	15.480	252	762340	56.949	ng		99
91) Dibenzo(a,h)anthracene	17.062	278	760367	57.410	ng		99
92) Benzo(g,h,i)perylene	17.498	276	752881	56.845	ng		99

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

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