Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143968.D
Acq On : 15 Oct 2025 22:49
Operator : RC/JU
Sample : Q3337-01MS 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MS

Quant Time: Oct 16 11:12:09 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	181566	20.00	ng		0.00
21) Naphthalene-d8	8.169	136	654257	20.00	ng		0.00
39) Acenaphthene-d10	9.922	164	308543	20.00	ng		0.00
64) Phenanthrene-d10	11.416	188	474955	20.00	ng		0.00
76) Chrysene-d12	14.069	240	360258	20.00	ng		0.00
86) Perylene-d12	15.557	264	304346	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	401575	35.12	ng		0.00
7) Phenol-d6	6.504	99	481637	35.34	ng		-0.01
23) Nitrobenzene-d5	7.440	82	275591	25.59	ng		-0.02
42) 2,4,6-Tribromophenol	10.716	330	88512	28.80	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	506900	26.07	ng		-0.01
79) Terphenyl-d14	13.004	244	422059	20.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.658	88	79582	15.04	ng		96
3) Pyridine	3.428	79	221668	14.39	ng		99
4) n-Nitrosodimethylamine	3.363	42	127664	15.76	ng		91
6) Aniline	6.551	93	210345	10.30	ng		98
8) 2-Chlorophenol	6.669	128	193349	17.30	ng		97
9) Benzaldehyde	6.434	77	110205	10.48	ng		99
10) Phenol	6.522	94	284259	17.45	ng		96
11) bis(2-Chloroethyl)ether	6.616	93	225287	17.90	ng		99
12) 1,3-Dichlorobenzene	6.822	146	225728	16.87	ng		98
13) 1,4-Dichlorobenzene	6.898	146	224406	17.00	ng		100
14) 1,2-Dichlorobenzene	7.051	146	218032	17.25	ng		99
15) Benzyl Alcohol	7.022	79	192277	18.83	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	492202	17.18	ng		99
17) 2-Methylphenol	7.134	107	159068	17.22	ng		98
18) Hexachloroethane	7.392	117	67901	15.43	ng		98
19) n-Nitroso-di-n-propyla...	7.287	70	152526	16.35	ng		98
20) 3+4-Methylphenols	7.281	107	187708	17.53	ng	#	83
22) Acetophenone	7.287	105	277413	20.05	ng		96
24) Nitrobenzene	7.463	77	217083	18.15	ng		100
25) Isophorone	7.698	82	394859	17.39	ng		99
26) 2-Nitrophenol	7.781	139	97980	19.11	ng		97
27) 2,4-Dimethylphenol	7.816	122	178057	19.31	ng		98
28) bis(2-Chloroethoxy)met...	7.910	93	259035	18.06	ng		99
29) 2,4-Dichlorophenol	8.022	162	165125	17.19	ng		98
30) 1,2,4-Trichlorobenzene	8.104	180	170091	18.00	ng		99
31) Naphthalene	8.187	128	518711	17.43	ng		99
32) Benzoic acid	7.904	122	90806	14.23	ng		99
33) 4-Chloroaniline	8.239	127	115112	10.31	ng		97
34) Hexachlorobutadiene	8.304	225	112608	17.15	ng		98
35) Caprolactam	8.587	113	48743	15.96	ng		99
36) 4-Chloro-3-methylphenol	8.710	107	147390	15.97	ng		98
37) 2-Methylnaphthalene	8.881	142	306555	15.46	ng		97
38) 1-Methylnaphthalene	8.981	142	309682	16.10	ng		95
40) 1,2,4,5-Tetrachloroben...	9.045	216	182708	21.43	ng		98
41) Hexachlorocyclopentadiene	9.034	237	19512	5.52	ng		95
43) 2,4,6-Trichlorophenol	9.157	196	112496	18.05	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.198	196	114908	17.45	ng		99
46)	1,1'-Biphenyl	9.339	154	433726	21.23	ng		97
47)	2-Chloronaphthalene	9.369	162	316701	18.59	ng		97
48)	2-Nitroaniline	9.463	65	105421	19.58	ng		98
49)	Acenaphthylene	9.786	152	487755	20.37	ng		99
50)	Dimethylphthalate	9.639	163	382879	19.54	ng		100
51)	2,6-Dinitrotoluene	9.704	165	75391	20.75	ng		92
52)	Acenaphthene	9.957	154	268096	17.09	ng		98
53)	3-Nitroaniline	9.875	138	68024	15.29	ng		100
54)	2,4-Dinitrophenol	9.981	184	21365	15.65	ng		98
55)	Dibenzofuran	10.128	168	390031	17.61	ng		99
56)	4-Nitrophenol	10.028	139	99048	29.40	ng		95
57)	2,4-Dinitrotoluene	10.104	165	91663	18.54	ng		98
58)	Fluorene	10.475	166	303410	18.15	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.245	232	77179	16.56	ng		97
60)	Diethylphthalate	10.339	149	336997	18.51	ng		100
61)	4-Chlorophenyl-phenyle...	10.463	204	155014	17.54	ng		98
62)	4-Nitroaniline	10.481	138	61485	14.37	ng		95
63)	Azobenzene	10.622	77	355308	18.68	ng		97
65)	4,6-Dinitro-2-methylph...	10.516	198	19082	7.99	ng		91
66)	n-Nitrosodiphenylamine	10.581	169	286085	19.18	ng		98
67)	4-Bromophenyl-phenylether	10.957	248	91325	17.40	ng		96
68)	Hexachlorobenzene	11.022	284	101764	16.75	ng		100
69)	Atrazine	11.110	200	87070	19.26	ng		100
70)	Pentachlorophenol	11.216	266	111274	31.88	ng		99
71)	Phenanthrene	11.439	178	481429	20.91	ng		99
72)	Anthracene	11.492	178	437171	18.79	ng		99
73)	Carbazole	11.645	167	371754	18.04	ng		100
74)	Di-n-butylphthalate	11.975	149	466814	19.55	ng		99
75)	Fluoranthene	12.633	202	564924	23.75	ng		98
77)	Benzidine	12.757	184	94891	7.59	ng		98
78)	Pyrene	12.863	202	572588	19.06	ng		99
80)	Butylbenzylphthalate	13.480	149	195032	19.99	ng		100
81)	Benzo(a)anthracene	14.057	228	477754	20.26	ng		99
82)	3,3'-Dichlorobenzidine	14.016	252	117786	16.39	ng	#	98
83)	Chrysene	14.092	228	423687	19.42	ng		98
84)	Bis(2-ethylhexyl)phtha...	14.039	149	396699	33.74	ng		99
85)	Di-n-octyl phthalate	14.657	149	436436	22.60	ng		97
87)	Indeno(1,2,3-cd)pyrene	17.062	276	288985	15.50	ng		98
88)	Benzo(b)fluoranthene	15.116	252	397865	22.76	ng		98
89)	Benzo(k)fluoranthene	15.145	252	282807	17.48	ng		97
90)	Benzo(a)pyrene	15.492	252	310159	20.46	ng	#	98
91)	Dibenzo(a,h)anthracene	17.074	278	224893	14.99	ng	#	94
92)	Benzo(g,h,i)perylene	17.515	276	235126	15.68	ng		97

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

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