Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143969.D
Acq On : 15 Oct 2025 23:18
Operator : RC/JU
Sample : Q3337-01MSD 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-1MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

Quant Time: Oct 16 11:12:35 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	162049	20.00	ng		0.00
21) Naphthalene-d8	8.169	136	562605	20.00	ng		0.00
39) Acenaphthene-d10	9.928	164	257454	20.00	ng		0.00
64) Phenanthrene-d10	11.416	188	441424	20.00	ng		0.00
76) Chrysene-d12	14.069	240	330283	20.00	ng		0.00
86) Perylene-d12	15.557	264	265166	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	371164	36.37	ng		0.00
7) Phenol-d6	6.510	99	435903	35.84	ng		0.00
23) Nitrobenzene-d5	7.445	82	244828	26.44	ng		-0.01
42) 2,4,6-Tribromophenol	10.716	330	79071	30.84	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	427743	26.36	ng		-0.01
79) Terphenyl-d14	13.004	244	420409	21.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.658	88	75229	15.93	ng		97
3) Pyridine	3.428	79	208853	15.19	ng		97
4) n-Nitrosodimethylamine	3.363	42	122471	16.94	ng		90
6) Aniline	6.546	93	172505	9.46	ng		97
8) 2-Chlorophenol	6.669	128	171552	17.20	ng		98
9) Benzaldehyde	6.434	77	101072	10.77	ng		99
10) Phenol	6.522	94	259824	17.87	ng		95
11) bis(2-Chloroethyl)ether	6.616	93	233487	20.79	ng		100
12) 1,3-Dichlorobenzene	6.822	146	208999	17.50	ng		98
13) 1,4-Dichlorobenzene	6.898	146	209614	17.80	ng		99
14) 1,2-Dichlorobenzene	7.051	146	197621	17.52	ng		99
15) Benzyl Alcohol	7.022	79	175802	19.29	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	445555	17.43	ng		100
17) 2-Methylphenol	7.134	107	140720	17.07	ng		98
18) Hexachloroethane	7.398	117	60118	15.31	ng		98
19) n-Nitroso-di-n-propyla...	7.287	70	138324	16.61	ng		99
20) 3+4-Methylphenols	7.287	107	168137	17.60	ng	#	62
22) Acetophenone	7.287	105	249193	20.95	ng		98
24) Nitrobenzene	7.463	77	193830	18.85	ng		98
25) Isophorone	7.698	82	345058	17.67	ng		98
26) 2-Nitrophenol	7.781	139	81631	18.52	ng		98
27) 2,4-Dimethylphenol	7.816	122	157743	19.89	ng		99
28) bis(2-Chloroethoxy)met...	7.910	93	227016	18.41	ng		99
29) 2,4-Dichlorophenol	8.022	162	140529	17.01	ng		97
30) 1,2,4-Trichlorobenzene	8.104	180	148162	18.24	ng		100
31) Naphthalene	8.187	128	455184	17.79	ng		99
32) Benzoic acid	7.898	122	68983	12.57	ng		95
33) 4-Chloroaniline	8.240	127	103624	10.80	ng		98
34) Hexachlorobutadiene	8.304	225	97396	17.25	ng		98
35) Caprolactam	8.587	113	39704	15.12	ng		98
36) 4-Chloro-3-methylphenol	8.710	107	122801	15.47	ng		99
37) 2-Methylnaphthalene	8.881	142	255463	14.99	ng		95
38) 1-Methylnaphthalene	8.981	142	261011	15.78	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	152533	21.44	ng		99
41) Hexachlorocyclopentadiene	9.034	237	6776	2.30	ng		91
43) 2,4,6-Trichlorophenol	9.157	196	93674	18.02	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.198	196	95472	17.38	ng		99
46)	1,1'-Biphenyl	9.345	154	362273	21.25	ng		99
47)	2-Chloronaphthalene	9.369	162	267226	18.80	ng		97
48)	2-Nitroaniline	9.463	65	88022	19.59	ng		96
49)	Acenaphthylene	9.786	152	411663	20.60	ng		98
50)	Dimethylphthalate	9.639	163	312952	19.14	ng		100
51)	2,6-Dinitrotoluene	9.704	165	59910	19.76	ng		95
52)	Acenaphthene	9.957	154	217247	16.59	ng		98
53)	3-Nitroaniline	9.875	138	60651	16.34	ng		98
54)	2,4-Dinitrophenol	9.986	184	6962	10.34	ng	#	84
55)	Dibenzofuran	10.128	168	326516	17.67	ng		99
56)	4-Nitrophenol	10.028	139	94945	33.78	ng		99
57)	2,4-Dinitrotoluene	10.110	165	75260	18.24	ng		96
58)	Fluorene	10.475	166	260205	18.66	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.245	232	70718	18.18	ng		95
60)	Diethylphthalate	10.339	149	278418	18.33	ng		99
61)	4-Chlorophenyl-phenyle...	10.463	204	131456	17.83	ng		98
62)	4-Nitroaniline	10.486	138	57347	16.06	ng		89
63)	Azobenzene	10.622	77	297479	18.74	ng		98
65)	4,6-Dinitro-2-methylph...	10.516	198	6111	2.75	ng		93
66)	n-Nitrosodiphenylamine	10.581	169	254132	18.34	ng		99
67)	4-Bromophenyl-phenylether	10.957	248	81586	16.72	ng		100
68)	Hexachlorobenzene	11.022	284	90999	16.11	ng		98
69)	Atrazine	11.110	200	78681	18.73	ng		98
70)	Pentachlorophenol	11.222	266	102594	31.63	ng		97
71)	Phenanthrene	11.439	178	458174	21.41	ng		98
72)	Anthracene	11.492	178	418980	19.38	ng		99
73)	Carbazole	11.645	167	370085	19.33	ng		99
74)	Di-n-butylphthalate	11.975	149	442416	19.94	ng		99
75)	Fluoranthene	12.633	202	568395	25.71	ng		99
77)	Benzidine	12.757	184	104355	9.10	ng		98
78)	Pyrene	12.863	202	570633	20.72	ng		99
80)	Butylbenzylphthalate	13.480	149	196439	21.97	ng		100
81)	Benzo(a)anthracene	14.057	228	414340	19.17	ng		98
82)	3,3'-Dichlorobenzidine	14.016	252	109919	16.69	ng	#	98
83)	Chrysene	14.092	228	387944	19.39	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.039	149	384008	35.62	ng		98
85)	Di-n-octyl phthalate	14.657	149	388944	21.97	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.062	276	271819	16.73	ng		99
88)	Benzo(b)fluoranthene	15.116	252	323935	21.27	ng		97
89)	Benzo(k)fluoranthene	15.145	252	250079m	17.74	ng		
90)	Benzo(a)pyrene	15.492	252	262899	19.91	ng	#	96
91)	Dibenzo(a,h)anthracene	17.080	278	204851	15.68	ng		97
92)	Benzo(g,h,i)perylene	17.515	276	215573	16.50	ng		96

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

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