Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111225\
Data File : BF144240.D
Acq On : 12 Nov 2025 20:49
Operator : RC/JU
Sample : Q3604-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

Quant Time: Nov 13 10:43:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	39225	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	152960	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	88266	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	148585	20.000	ng		0.00
76) Chrysene-d12	14.045	240	75670	20.000	ng		0.00
86) Perylene-d12	15.527	264	90928	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	298289	119.002	ng		0.02
7) Phenol-d6	6.504	99	331524	116.727	ng		0.00
23) Nitrobenzene-d5	7.434	82	239393	90.391	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	143410	129.474	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	486866	81.466	ng		0.00
79) Terphenyl-d14	12.986	244	469575	98.569	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.822	88	44733	43.166	ng	#	78
3) Pyridine	3.534	79	98807	34.176	ng		98
4) n-Nitrosodimethylamine	3.475	42	76555	50.693	ng		96
6) Aniline	6.540	93	29891	7.387	ng	#	77
8) 2-Chlorophenol	6.657	128	117958	47.986	ng		99
9) Benzaldehyde	6.422	77	51565	32.152	ng		98
10) Phenol	6.522	94	138958	40.045	ng		98
11) bis(2-Chloroethyl)ether	6.604	93	124118	49.087	ng		96
12) 1,3-Dichlorobenzene	6.810	146	136946	45.147	ng		98
13) 1,4-Dichlorobenzene	6.887	146	138722	45.649	ng		100
14) 1,2-Dichlorobenzene	7.039	146	132363	45.443	ng		100
15) Benzyl Alcohol	7.016	79	107782	47.926	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	238394	51.198	ng		90
17) 2-Methylphenol	7.122	107	94735	48.444	ng		99
18) Hexachloroethane	7.381	117	45373	44.941	ng		98
19) n-Nitroso-di-n-propyla...	7.281	70	90551	48.431	ng		94
20) 3+4-Methylphenols	7.281	107	107360	46.572	ng	#	85
22) Acetophenone	7.281	105	153531	46.789	ng		96
24) Nitrobenzene	7.451	77	138165	48.048	ng		99
25) Isophorone	7.692	82	250287	49.962	ng		100
26) 2-Nitrophenol	7.769	139	70160	49.288	ng		97
27) 2,4-Dimethylphenol	7.804	122	113828	53.352	ng		98
28) bis(2-Chloroethoxy)met...	7.898	93	154372	49.347	ng		98
29) 2,4-Dichlorophenol	8.010	162	112429	45.721	ng		99
30) 1,2,4-Trichlorobenzene	8.092	180	116972	46.324	ng		98
31) Naphthalene	8.175	128	325916	44.792	ng		100
32) Benzoic acid	7.939	122	77462	49.531	ng		94
33) 4-Chloroaniline	8.228	127	14102	5.314	ng		98
34) Hexachlorobutadiene	8.286	225	82411	43.306	ng		99
35) Caprolactam	8.598	113	30944m	45.931	ng		
36) 4-Chloro-3-methylphenol	8.710	107	107414	48.740	ng		99
37) 2-Methylnaphthalene	8.863	142	211225	43.419	ng		99
38) 1-Methylnaphthalene	8.963	142	212697	45.313	ng		99
40) 1,2,4,5-Tetrachloroben...	9.033	216	124668	43.097	ng	#	99
41) Hexachlorocyclopentadiene	9.016	237	120878	98.183	ng		97
43) 2,4,6-Trichlorophenol	9.145	196	91425	46.435	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	95396	44.956	ng		100
46) 1,1'-Biphenyl	9.328	154	285308	46.307	ng		100
47) 2-Chloronaphthalene	9.357	162	234474	44.614	ng		100
48) 2-Nitroaniline	9.451	65	74562	49.170	ng		98
49) Acenaphthylene	9.769	152	367687	51.339	ng		99
50) Dimethylphthalate	9.633	163	292649	50.047	ng		99
51) 2,6-Dinitrotoluene	9.692	165	61109	51.625	ng		98
52) Acenaphthene	9.945	154	204139	42.624	ng		98
53) 3-Nitroaniline	9.863	138	10133	7.831	ng	#	98
54) 2,4-Dinitrophenol	9.975	184	70440	98.546	ng		95
55) Dibenzofuran	10.116	168	298065	44.437	ng		98
56) 4-Nitrophenol	10.033	139	73736	78.776	ng		95
57) 2,4-Dinitrotoluene	10.104	165	78857	49.764	ng		92
58) Fluorene	10.463	166	233867	45.858	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	73718	49.102	ng		96
60) Diethylphthalate	10.333	149	271081	50.289	ng		100
61) 4-Chlorophenyl-phenyle...	10.451	204	130121	44.792	ng		98
62) 4-Nitroaniline	10.480	138	45864	37.219	ng		96
63) Azobenzene	10.610	77	257157	51.260	ng		100
65) 4,6-Dinitro-2-methylph...	10.510	198	50060	49.594	ng		98
66) n-Nitrosodiphenylamine	10.569	169	224095	46.893	ng		99
67) 4-Bromophenyl-phenylether	10.939	248	88117	46.462	ng		97
68) Hexachlorobenzene	11.010	284	104447	46.756	ng		97
69) Atrazine	11.098	200	62022	40.809	ng		99
70) Pentachlorophenol	11.204	266	107096	96.276	ng		98
71) Phenanthrene	11.427	178	347083	46.917	ng		100
72) Anthracene	11.474	178	357314	47.500	ng		99
73) Carbazole	11.633	167	287835	44.999	ng		99
74) Di-n-butylphthalate	11.957	149	393967	50.949	ng		99
75) Fluoranthene	12.616	202	338186	44.254	ng		99
78) Pyrene	12.845	202	329016	53.926	ng		100
80) Butylbenzylphthalate	13.463	149	126138	59.651	ng		99
81) Benzo(a)anthracene	14.039	228	262690	50.089	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	9064	5.042	ng	#	96
83) Chrysene	14.074	228	234037	48.341	ng		99
84) Bis(2-ethylhexyl)phtha...	14.015	149	161561	55.811	ng		98
85) Di-n-octyl phthalate	14.633	149	238121	47.677	ng		100
87) Indeno(1,2,3-cd)pyrene	17.033	276	308388	47.247	ng		98
88) Benzo(b)fluoranthene	15.092	252	275332	53.261	ng		99
89) Benzo(k)fluoranthene	15.127	252	246476	50.940	ng		98
90) Benzo(a)pyrene	15.468	252	250944	52.620	ng		99
91) Dibenzo(a,h)anthracene	17.045	278	256609	48.952	ng		99
92) Benzo(g,h,i)perylene	17.480	276	247582	47.827	ng		96

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

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