Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112425\
Data File : BF144330.D
Acq On : 24 Nov 2025 18:18
Operator : RC/JU
Sample : Q3707-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
V933MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

Quant Time: Nov 25 00:27:16 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	6.863	152	52039	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	202390	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	108226	20.000	ng		-0.01
64) Phenanthrene-d10	11.392	188	171619	20.000	ng		-0.01
76) Chrysene-d12	14.045	240	114576	20.000	ng		0.00
86) Perylene-d12	15.521	264	160719	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	425371	127.914	ng		0.00
7) Phenol-d6	6.504	99	453790	120.433	ng		0.00
23) Nitrobenzene-d5	7.428	82	322021	91.893	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	167173	123.092	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	671747	91.672	ng		0.00
79) Terphenyl-d14	12.980	244	649135	89.992	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.757	88	64807	47.138	ng	#	81
3) Pyridine	3.493	79	163027	42.503	ng		97
4) n-Nitrosodimethylamine	3.428	42	99465	49.645	ng		89
6) Aniline	6.528	93	148943	27.744	ng	#	75
8) 2-Chlorophenol	6.651	128	162684	49.884	ng		99
9) Benzaldehyde	6.416	77	55572	26.118	ng		95
10) Phenol	6.516	94	201463	43.761	ng		96
11) bis(2-Chloroethyl)ether	6.598	93	176319	52.561	ng		100
12) 1,3-Dichlorobenzene	6.804	146	198322	49.282	ng		97
13) 1,4-Dichlorobenzene	6.881	146	198450	49.223	ng		99
14) 1,2-Dichlorobenzene	7.034	146	189467	49.030	ng		99
15) Benzyl Alcohol	7.010	79	151176	50.669	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	319472	51.716	ng		87
17) 2-Methylphenol	7.122	107	126178	48.634	ng		95
18) Hexachloroethane	7.375	117	62452	46.625	ng		96
19) n-Nitroso-di-n-propyla...	7.275	70	121785	49.097	ng		99
20) 3+4-Methylphenols	7.275	107	145747	47.655	ng		91
22) Acetophenone	7.275	105	213073	49.076	ng		99
24) Nitrobenzene	7.445	77	185466	48.745	ng		98
25) Isophorone	7.687	82	323244	48.766	ng		98
26) 2-Nitrophenol	7.763	139	95946	50.941	ng		96
27) 2,4-Dimethylphenol	7.798	122	155767	55.178	ng		100
28) bis(2-Chloroethoxy)met...	7.892	93	211304	51.050	ng		97
29) 2,4-Dichlorophenol	8.010	162	157975	48.553	ng		99
30) 1,2,4-Trichlorobenzene	8.087	180	165162	49.434	ng		96
31) Naphthalene	8.169	128	461276	47.912	ng		99
32) Benzoic acid	7.928	122	92418	44.662	ng		98
33) 4-Chloroaniline	8.216	127	55944	15.933	ng		98
34) Hexachlorobutadiene	8.281	225	114173	45.343	ng		99
35) Caprolactam	8.586	113	38566m	43.264	ng		
36) 4-Chloro-3-methylphenol	8.704	107	138637	47.544	ng		98
37) 2-Methylnaphthalene	8.857	142	284169	44.147	ng		99
38) 1-Methylnaphthalene	8.957	142	288234	46.408	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	172580	48.656	ng		99
41) Hexachlorocyclopentadiene	9.010	237	131391	90.249	ng		97
43) 2,4,6-Trichlorophenol	9.139	196	116605	48.302	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	125939	48.404	ng		99
46) 1,1'-Biphenyl	9.322	154	385263	50.998	ng		99
47) 2-Chloronaphthalene	9.351	162	317400	49.255	ng		99
48) 2-Nitroaniline	9.445	65	93618	50.350	ng		97
49) Acenaphthylene	9.763	152	487623	55.528	ng		100
50) Dimethylphthalate	9.622	163	351298	48.997	ng		100
51) 2,6-Dinitrotoluene	9.686	165	76020	52.377	ng		97
52) Acenaphthene	9.939	154	266576	45.395	ng		100
53) 3-Nitroaniline	9.863	138	47055	29.658	ng		98
54) 2,4-Dinitrophenol	9.975	184	82188	93.776	ng		97
55) Dibenzofuran	10.110	168	395890	48.136	ng		99
56) 4-Nitrophenol	10.028	139	91223	79.484	ng		97
57) 2,4-Dinitrotoluene	10.098	165	97261	50.058	ng	#	96
58) Fluorene	10.451	166	307030	49.100	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	89825	48.796	ng		98
60) Diethylphthalate	10.322	149	313576	47.444	ng		100
61) 4-Chlorophenyl-phenyle...	10.445	204	164852	46.282	ng		99
62) 4-Nitroaniline	10.475	138	68956	45.638	ng		92
63) Azobenzene	10.604	77	313024	50.888	ng		97
65) 4,6-Dinitro-2-methylph...	10.510	198	54861	47.056	ng		92
66) n-Nitrosodiphenylamine	10.563	169	289982	52.536	ng		100
67) 4-Bromophenyl-phenylether	10.933	248	108214	49.400	ng		99
68) Hexachlorobenzene	11.004	284	127803	49.533	ng		97
69) Atrazine	11.092	200	90646	51.638	ng		97
70) Pentachlorophenol	11.204	266	124036	96.539	ng		99
71) Phenanthrene	11.422	178	438107	51.273	ng		100
72) Anthracene	11.469	178	440820	50.736	ng		99
73) Carbazole	11.627	167	374267	50.658	ng		99
74) Di-n-butylphthalate	11.951	149	454700	50.910	ng		99
75) Fluoranthene	12.610	202	432844	49.038	ng		99
77) Benzidine	12.733	184	76022	22.431	ng		98
78) Pyrene	12.839	202	444156	48.078	ng		99
80) Butylbenzylphthalate	13.451	149	167908	52.441	ng		99
81) Benzo(a)anthracene	14.033	228	425225	53.548	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	95541	35.100	ng		97
83) Chrysene	14.068	228	398390	54.346	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	230126	52.503	ng		98
85) Di-n-octyl phthalate	14.627	149	428567	56.671	ng		99
87) Indeno(1,2,3-cd)pyrene	17.033	276	578952	50.182	ng		97
88) Benzo(b)fluoranthene	15.092	252	480078	52.541	ng		100
89) Benzo(k)fluoranthene	15.121	252	457004	53.436	ng		99
90) Benzo(a)pyrene	15.463	252	465036	55.168	ng		98
91) Dibenzo(a,h)anthracene	17.045	278	469297	50.650	ng		99
92) Benzo(g,h,i)perylene	17.486	276	483782	52.874	ng		98

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

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