Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112025\
Data File : BF144301.D
Acq On : 20 Nov 2025 18:27
Operator : RC/JU
Sample : Q3681-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-354MSD

Quant Time: Nov 20 23:58:30 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	52064	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	181867	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	92824	20.000	ng		-0.01
64) Phenanthrene-d10	11.392	188	161668	20.000	ng		-0.01
76) Chrysene-d12	14.045	240	132524	20.000	ng		0.00
86) Perylene-d12	15.521	264	112788	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	342955	103.081	ng		0.00
7) Phenol-d6	6.498	99	382730	101.525	ng		0.00
23) Nitrobenzene-d5	7.428	82	237604	75.455	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	118169	101.447	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	429575	68.350	ng		0.00
79) Terphenyl-d14	12.980	244	481191	57.675	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	64750	47.074	ng		98
3) Pyridine	3.434	79	163170	42.520	ng		99
4) n-Nitrosodimethylamine	3.387	42	98424	49.102	ng		95
6) Aniline	6.528	93	95427	17.767	ng	#	74
8) 2-Chlorophenol	6.651	128	143564	44.000	ng		99
9) Benzaldehyde	6.416	77	81472	38.273	ng		98
10) Phenol	6.516	94	196404	42.642	ng		97
11) bis(2-Chloroethyl)ether	6.598	93	156000	46.482	ng		99
12) 1,3-Dichlorobenzene	6.804	146	181964	45.195	ng		99
13) 1,4-Dichlorobenzene	6.881	146	187423	46.466	ng		99
14) 1,2-Dichlorobenzene	7.033	146	176511	45.656	ng		98
15) Benzyl Alcohol	7.004	79	134472	45.048	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	274500	44.415	ng		98
17) 2-Methylphenol	7.122	107	113200	43.611	ng		98
18) Hexachloroethane	7.375	117	55614	41.500	ng		96
19) n-Nitroso-di-n-propyla...	7.275	70	107462	43.302	ng		96
20) 3+4-Methylphenols	7.275	107	133419	43.604	ng	#	88
22) Acetophenone	7.275	105	195015	49.985	ng		98
24) Nitrobenzene	7.445	77	162464	47.518	ng		99
25) Isophorone	7.686	82	278202	46.707	ng		98
26) 2-Nitrophenol	7.763	139	65079	38.452	ng		96
27) 2,4-Dimethylphenol	7.798	122	127869	50.407	ng		97
28) bis(2-Chloroethoxy)met...	7.892	93	178006	47.858	ng		98
29) 2,4-Dichlorophenol	8.010	162	126085	43.124	ng		99
30) 1,2,4-Trichlorobenzene	8.086	180	142186	47.360	ng		97
31) Naphthalene	8.169	128	401668	46.429	ng		99
32) Benzoic acid	7.904	122	53450	28.745	ng		97
33) 4-Chloroaniline	8.216	127	44763	14.187	ng		99
34) Hexachlorobutadiene	8.280	225	100400	44.373	ng		99
35) Caprolactam	8.586	113	36490	45.554	ng		96
36) 4-Chloro-3-methylphenol	8.704	107	112710	43.014	ng		99
37) 2-Methylnaphthalene	8.863	142	238539	41.240	ng		97
38) 1-Methylnaphthalene	8.957	142	233556	41.848	ng		98
40) 1,2,4,5-Tetrachloroben...	9.027	216	139973	46.011	ng		98
41) Hexachlorocyclopentadiene	9.010	237	30358	34.359	ng		98
43) 2,4,6-Trichlorophenol	9.139	196	92790	44.814	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	97949	43.892	ng		99
46) 1,1'-Biphenyl	9.322	154	306289	47.271	ng		99
47) 2-Chloronaphthalene	9.351	162	245939	44.498	ng		99
48) 2-Nitroaniline	9.445	65	82568	51.776	ng		98
49) Acenaphthylene	9.769	152	394887	52.429	ng		99
50) Dimethylphthalate	9.622	163	298545	48.549	ng		99
51) 2,6-Dinitrotoluene	9.686	165	61287	49.233	ng		98
52) Acenaphthene	9.939	154	210952	41.884	ng		100
53) 3-Nitroaniline	9.857	138	54807	40.276	ng		99
54) 2,4-Dinitrophenol	9.980	184	4117	5.477	ng		90
55) Dibenzofuran	10.110	168	324366	45.983	ng		99
56) 4-Nitrophenol	10.027	139	86514	87.889	ng		97
57) 2,4-Dinitrotoluene	10.092	165	77272	46.369	ng	#	98
58) Fluorene	10.451	166	255497	47.639	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	73811	46.750	ng	#	98
60) Diethylphthalate	10.322	149	273261	48.204	ng		99
61) 4-Chlorophenyl-phenyle...	10.445	204	133224	43.608	ng		98
62) 4-Nitroaniline	10.474	138	64336	49.645	ng		96
63) Azobenzene	10.604	77	266772	50.565	ng		95
65) 4,6-Dinitro-2-methylph...	10.504	198	5344	4.866	ng		78
66) n-Nitrosodiphenylamine	10.563	169	239594	46.079	ng		100
67) 4-Bromophenyl-phenylether	10.933	248	84905	41.145	ng		94
68) Hexachlorobenzene	11.004	284	105725	43.498	ng		97
69) Atrazine	11.092	200	81408	49.230	ng		97
70) Pentachlorophenol	11.204	266	98005	80.973	ng		99
71) Phenanthrene	11.421	178	420364	52.224	ng		100
72) Anthracene	11.474	178	387128	47.299	ng		99
73) Carbazole	11.627	167	347186	49.885	ng		99
74) Di-n-butylphthalate	11.951	149	413286	49.122	ng		99
75) Fluoranthene	12.615	202	538649	64.782	ng		99
77) Benzidine	12.733	184	180502	46.047	ng		98
78) Pyrene	12.845	202	547904	51.277	ng		99
80) Butylbenzylphthalate	13.457	149	185585	50.112	ng		97
81) Benzo(a)anthracene	14.033	228	527143	57.392	ng		100
82) 3,3'-Dichlorobenzidine	13.998	252	120954	38.418	ng		97
83) Chrysene	14.074	228	441776	52.103	ng		98
84) Bis(2-ethylhexyl)phtha...	14.015	149	259544	51.195	ng		100
85) Di-n-octyl phthalate	14.627	149	430165	49.179	ng		98
87) Indeno(1,2,3-cd)pyrene	17.021	276	308122	38.057	ng		97
88) Benzo(b)fluoranthene	15.092	252	406685	63.423	ng		100
89) Benzo(k)fluoranthene	15.121	252	355449	59.224	ng		99
90) Benzo(a)pyrene	15.462	252	334455	56.538	ng		99
91) Dibenzo(a,h)anthracene	17.033	278	245404	37.741	ng		98
92) Benzo(g,h,i)perylene	17.474	276	250769	39.054	ng		98

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

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