Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093025\
Data File : BF143849.D
Acq On : 30 Sep 2025 23:00
Operator : RC/JU
Sample : Q3245-09MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
12-8MSD

Quant Time: Oct 01 02:39:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	124507	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	452928	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	222658	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	322293	20.000	ng		0.00
76) Chrysene-d12	14.057	240	412410	20.000	ng		0.00
86) Perylene-d12	15.533	264	677435	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	817121	106.627	ng		0.00
7) Phenol-d6	6.504	99	970635	109.620	ng		0.00
23) Nitrobenzene-d5	7.446	82	573613	77.522	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	410803	124.606	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	1047741	73.431	ng		0.00
79) Terphenyl-d14	12.998	244	1315811	64.887	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	156809	42.750	ng		95
3) Pyridine	3.463	79	426775	43.104	ng		90
4) n-Nitrosodimethylamine	3.410	42	212446	42.792	ng	#	79
6) Aniline	6.546	93	488908	38.043	ng		99
8) 2-Chlorophenol	6.669	128	369582	47.109	ng		98
9) Benzaldehyde	6.434	77	223005	28.760	ng		98
10) Phenol	6.522	94	492409	47.843	ng		100
11) bis(2-Chloroethyl)ether	6.616	93	368461	45.671	ng		99
12) 1,3-Dichlorobenzene	6.828	146	429159	47.114	ng		98
13) 1,4-Dichlorobenzene	6.904	146	430136	47.318	ng		98
14) 1,2-Dichlorobenzene	7.057	146	410964	47.734	ng		100
15) Benzyl Alcohol	7.022	79	323216	50.518	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	729672	38.142	ng		95
17) 2-Methylphenol	7.128	107	288550	47.507	ng		99
18) Hexachloroethane	7.398	117	145181	45.414	ng		95
19) n-Nitroso-di-n-propyla...	7.293	70	255247	44.828	ng		91
20) 3+4-Methylphenols	7.281	107	345041	46.648	ng		94
22) Acetophenone	7.293	105	517596	52.030	ng		94
24) Nitrobenzene	7.463	77	393700	48.002	ng		97
25) Isophorone	7.704	82	681363	47.254	ng		98
26) 2-Nitrophenol	7.781	139	184346	54.366	ng		94
27) 2,4-Dimethylphenol	7.816	122	333875	51.806	ng		98
28) bis(2-Chloroethoxy)met...	7.916	93	428163	45.705	ng		99
29) 2,4-Dichlorophenol	8.022	162	305138	48.118	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	334796	50.873	ng		99
31) Naphthalene	8.187	128	1005563	46.377	ng		100
32) Benzoic acid	7.910	122	189378	60.904	ng		94
33) 4-Chloroaniline	8.234	127	226104	29.674	ng		99
34) Hexachlorobutadiene	8.304	225	242144	49.357	ng		99
35) Caprolactam	8.598	113	87015	53.684	ng	#	83
36) 4-Chloro-3-methylphenol	8.710	107	288654	48.534	ng		99
37) 2-Methylnaphthalene	8.881	142	590658	42.722	ng		99
38) 1-Methylnaphthalene	8.981	142	605722	45.772	ng		100
40) 1,2,4,5-Tetrachloroben...	9.045	216	358140	53.299	ng		99
41) Hexachlorocyclopentadiene	9.034	237	523170	122.851	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	218066	51.828	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	218987	49.759	ng		98
46) 1,1'-Biphenyl	9.345	154	836520	51.901	ng		99
47) 2-Chloronaphthalene	9.369	162	600904	46.317	ng		100
48) 2-Nitroaniline	9.463	65	222456	56.732	ng		98
49) Acenaphthylene	9.787	152	949993	53.190	ng		100
50) Dimethylphthalate	9.645	163	659437	48.592	ng		99
51) 2,6-Dinitrotoluene	9.704	165	140111	62.838	ng		92
52) Acenaphthene	9.957	154	562435	47.853	ng		100
53) 3-Nitroaniline	9.869	138	108963	40.316	ng		97
54) 2,4-Dinitrophenol	9.975	184	83101	84.131	ng	#	45
55) Dibenzofuran	10.128	168	783613	47.148	ng		99
56) 4-Nitrophenol	10.028	139	208161	95.578	ng		90
57) 2,4-Dinitrotoluene	10.104	165	178186	53.485	ng		95
58) Fluorene	10.475	166	578760	46.841	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	213937	56.745	ng		92
60) Diethylphthalate	10.345	149	597546	47.037	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	302404	48.034	ng		96
62) 4-Nitroaniline	10.486	138	134179	52.800	ng		95
63) Azobenzene	10.628	77	658060	49.151	ng		90
65) 4,6-Dinitro-2-methylph...	10.510	198	69712	56.257	ng		85
66) n-Nitrosodiphenylamine	10.581	169	551875	52.068	ng		98
67) 4-Bromophenyl-phenylether	10.957	248	306762	55.852	ng		96
68) Hexachlorobenzene	11.022	284	442496	58.461	ng	#	94
69) Atrazine	11.110	200	160845	52.404	ng		96
70) Pentachlorophenol	11.216	266	431415	114.503	ng		100
71) Phenanthrene	11.439	178	798108	48.234	ng		100
72) Anthracene	11.486	178	810938	48.859	ng		99
73) Carbazole	11.639	167	695238	47.909	ng		100
74) Di-n-butylphthalate	11.975	149	770069	46.141	ng		100
75) Fluoranthene	12.628	202	804136	48.320	ng		99
77) Benzidine	12.745	184	415447	41.340	ng		99
78) Pyrene	12.857	202	829609	40.916	ng		100
80) Butylbenzylphthalate	13.475	149	313091	44.633	ng		95
81) Benzo(a)anthracene	14.045	228	1051489	47.460	ng		100
82) 3,3'-Dichlorobenzidine	14.010	252	373829	38.948	ng		99
83) Chrysene	14.086	228	1013208	50.540	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	412233	40.092	ng		99
85) Di-n-octyl phthalate	14.651	149	824023	44.180	ng	#	93
87) Indeno(1,2,3-cd)pyrene	17.033	276	2417048	47.025	ng		98
88) Benzo(b)fluoranthene	15.104	252	1700931	49.305	ng		99
89) Benzo(k)fluoranthene	15.133	252	1662419	47.965	ng		99
90) Benzo(a)pyrene	15.474	252	1662808	51.277	ng		99
91) Dibenzo(a,h)anthracene	17.051	278	1982526	47.158	ng		99
92) Benzo(g,h,i)perylene	17.486	276	1866318	46.053	ng		98

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

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