Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101025\
Data File : BF143929.D
Acq On : 10 Oct 2025 17:18
Operator : RC/JU
Sample : Q3310-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MSD

Quant Time: Oct 10 21:48:08 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	118400	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	432037	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	206418	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	294129	20.000	ng		0.00
76) Chrysene-d12	14.068	240	250086	20.000	ng		0.00
86) Perylene-d12	15.545	264	234027	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	610390	81.866	ng		0.00
7) Phenol-d6	6.510	99	719140	80.919	ng		0.00
23) Nitrobenzene-d5	7.445	82	408065	57.384	ng		-0.01
42) 2,4,6-Tribromophenol	10.716	330	135862	66.082	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	642465	49.386	ng		-0.01
79) Terphenyl-d14	13.004	244	525577	35.918	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	146145	42.358	ng		96
3) Pyridine	3.457	79	416024	41.419	ng		97
4) n-Nitrosodimethylamine	3.404	42	245517	46.466	ng		93
6) Aniline	6.545	93	375981	28.232	ng		98
8) 2-Chlorophenol	6.669	128	334438	45.888	ng		98
9) Benzaldehyde	6.434	77	204688	29.857	ng		99
10) Phenol	6.522	94	497367	46.812	ng		100
11) bis(2-Chloroethyl)ether	6.616	93	375103	45.703	ng		99
12) 1,3-Dichlorobenzene	6.822	146	386144	44.262	ng		99
13) 1,4-Dichlorobenzene	6.904	146	391672	45.513	ng		99
14) 1,2-Dichlorobenzene	7.051	146	375997	45.615	ng		99
15) Benzyl Alcohol	7.022	79	317470	47.677	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	866381	46.375	ng		100
17) 2-Methylphenol	7.134	107	273298	45.374	ng		99
18) Hexachloroethane	7.398	117	123788	43.133	ng		99
19) n-Nitroso-di-n-propyla...	7.292	70	257967	42.406	ng		98
20) 3+4-Methylphenols	7.287	107	307145	43.998	ng	#	77
22) Acetophenone	7.292	105	455250	49.835	ng		96
24) Nitrobenzene	7.463	77	389887	49.371	ng		99
25) Isophorone	7.704	82	695779	46.403	ng		99
26) 2-Nitrophenol	7.781	139	174112	51.426	ng		98
27) 2,4-Dimethylphenol	7.816	122	315565	51.813	ng		99
28) bis(2-Chloroethoxy)met...	7.916	93	433734	45.793	ng		99
29) 2,4-Dichlorophenol	8.022	162	287943	45.388	ng		97
30) 1,2,4-Trichlorobenzene	8.104	180	300197	48.115	ng		100
31) Naphthalene	8.192	128	932005	47.423	ng		100
32) Benzoic acid	7.928	122	194020	46.030	ng		97
33) 4-Chloroaniline	8.234	127	130435	17.696	ng		99
34) Hexachlorobutadiene	8.304	225	193808	44.702	ng		99
35) Caprolactam	8.604	113	91491	45.357	ng		99
36) 4-Chloro-3-methylphenol	8.716	107	261321	42.883	ng		98
37) 2-Methylnaphthalene	8.881	142	534905	40.859	ng		100
38) 1-Methylnaphthalene	8.981	142	533120	41.984	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	317275	55.612	ng		99
41) Hexachlorocyclopentadiene	9.033	237	101705	42.971	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	199193	47.785	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	202113	45.881	ng		99
46) 1,1'-Biphenyl	9.345	154	739365	54.100	ng		98
47) 2-Chloronaphthalene	9.369	162	547343	48.035	ng		98
48) 2-Nitroaniline	9.463	65	195519	54.273	ng		98
49) Acenaphthylene	9.786	152	842706	52.605	ng		100
50) Dimethylphthalate	9.645	163	652573	49.783	ng		99
51) 2,6-Dinitrotoluene	9.704	165	134316	55.258	ng		98
52) Acenaphthene	9.957	154	477808	45.519	ng		98
53) 3-Nitroaniline	9.875	138	113053	37.985	ng		98
54) 2,4-Dinitrophenol	9.980	184	11722	14.081	ng	#	41
55) Dibenzofuran	10.133	168	707567	47.752	ng		98
56) 4-Nitrophenol	10.033	139	187692	83.288	ng		98
57) 2,4-Dinitrotoluene	10.110	165	169013	51.103	ng		97
58) Fluorene	10.475	166	506230	45.277	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	133629	42.853	ng		99
60) Diethylphthalate	10.345	149	579699	47.603	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	267368	45.231	ng		97
62) 4-Nitroaniline	10.486	138	113273	39.577	ng		93
63) Azobenzene	10.627	77	639220	50.224	ng		96
65) 4,6-Dinitro-2-methylph...	10.516	198	12180	8.240	ng		87
66) n-Nitrosodiphenylamine	10.586	169	503512	54.520	ng		98
67) 4-Bromophenyl-phenylether	10.957	248	163297	50.236	ng		99
68) Hexachlorobenzene	11.022	284	176825	46.988	ng		97
69) Atrazine	11.110	200	143934	51.420	ng		96
70) Pentachlorophenol	11.222	266	200869	92.938	ng		98
71) Phenanthrene	11.439	178	1086924	76.225	ng		99
72) Anthracene	11.492	178	785356	54.518	ng		99
73) Carbazole	11.645	167	697255	54.651	ng		99
74) Di-n-butylphthalate	11.974	149	772095	52.216	ng		100
75) Fluoranthene	12.633	202	1271771	86.345	ng		99
77) Benzidine	12.751	184	261032	30.060	ng		98
78) Pyrene	12.863	202	1220247	58.527	ng		98
80) Butylbenzylphthalate	13.480	149	348136	51.414	ng		98
81) Benzo(a)anthracene	14.057	228	1096245	66.984	ng		99
82) 3,3'-Dichlorobenzidine	14.015	252	239151	47.951	ng		99
83) Chrysene	14.092	228	951480	62.817	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	458060	56.119	ng		99
85) Di-n-octyl phthalate	14.657	149	845476	63.066	ng		100
87) Indeno(1,2,3-cd)pyrene	17.051	276	615808	42.944	ng		98
88) Benzo(b)fluoranthene	15.115	252	916681	68.189	ng		99
89) Benzo(k)fluoranthene	15.145	252	654063	52.580	ng		98
90) Benzo(a)pyrene	15.486	252	754072	64.691	ng		98
91) Dibenzo(a,h)anthracene	17.068	278	436970	37.889	ng		99
92) Benzo(g,h,i)perylene	17.503	276	488713	42.375	ng		98

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

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