Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100925\
Data File : BF143914.D
Acq On : 09 Oct 2025 17:45
Operator : RC/JU
Sample : Q3302-06MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MSD

Quant Time: Oct 09 18:51:20 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	90928	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	353479	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	194472	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	324281	20.000	ng	0.00
76) Chrysene-d12	14.063	240	189407	20.000	ng	0.00
86) Perylene-d12	15.539	264	227101	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	892774	155.916	ng	0.01
7) Phenol-d6	6.510	99	1012583	148.361	ng	0.00
23) Nitrobenzene-d5	7.445	82	688923	118.410	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	325872	168.237	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1273807	103.933	ng	-0.01
79) Terphenyl-d14	13.004	244	1252766	113.041	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.810	88	128203	48.384	ng	# 79
3) Pyridine	3.522	79	341647	44.291	ng	98
4) n-Nitrosodimethylamine	3.463	42	217022	53.483	ng	93
6) Aniline	6.545	93	238313	23.302	ng	99
8) 2-Chlorophenol	6.669	128	298330	53.301	ng	99
9) Benzaldehyde	6.434	77	89176	16.938	ng	98
10) Phenol	6.522	94	400005	49.023	ng	99
11) bis(2-Chloroethyl)ether	6.622	93	326739	51.838	ng	99
12) 1,3-Dichlorobenzene	6.822	146	327570	48.892	ng	98
13) 1,4-Dichlorobenzene	6.898	146	336471	50.912	ng	99
14) 1,2-Dichlorobenzene	7.051	146	318682	50.343	ng	98
15) Benzyl Alcohol	7.022	79	304336	59.513	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.157	45	746381	52.022	ng	100
17) 2-Methylphenol	7.134	107	248509	53.724	ng	99
18) Hexachloroethane	7.398	117	110201	50.000	ng	95
19) n-Nitroso-di-n-propyla...	7.292	70	244298	52.292	ng	99
20) 3+4-Methylphenols	7.281	107	294074	54.853	ng	91
22) Acetophenone	7.292	105	430765	57.635	ng	99
24) Nitrobenzene	7.463	77	351719	54.436	ng	98
25) Isophorone	7.704	82	650814	53.051	ng	99
26) 2-Nitrophenol	7.781	139	165877	59.882	ng	99
27) 2,4-Dimethylphenol	7.810	122	291384	58.476	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	410085	52.918	ng	99
29) 2,4-Dichlorophenol	8.022	162	280618	54.064	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	271301	53.147	ng	97
31) Naphthalene	8.186	128	831007	51.681	ng	99
32) Benzoic acid	7.928	122	236404	68.550	ng	98
33) 4-Chloroaniline	8.234	127	103882	17.226	ng	97
34) Hexachlorobutadiene	8.304	225	178438	50.303	ng	99
35) Caprolactam	8.598	113	87771	53.183	ng	97
36) 4-Chloro-3-methylphenol	8.710	107	268185	53.790	ng	98
37) 2-Methylnaphthalene	8.881	142	518224	48.383	ng	99
38) 1-Methylnaphthalene	8.981	142	529523	50.968	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	313615	58.348	ng	99
41) Hexachlorocyclopentadiene	9.033	237	298420	133.830	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	218253	55.574	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	228426	55.040	ng	99
46) 1,1'-Biphenyl	9.345	154	748281	58.115	ng	99
47) 2-Chloronaphthalene	9.369	162	571828	53.266	ng	99
48) 2-Nitroaniline	9.463	65	202173	59.567	ng	99
49) Acenaphthylene	9.786	152	912390	60.454	ng	100
50) Dimethylphthalate	9.645	163	665264	53.869	ng	99
51) 2,6-Dinitrotoluene	9.704	165	148219	64.724	ng	98
52) Acenaphthene	9.957	154	563109	56.941	ng	99
53) 3-Nitroaniline	9.875	138	94089	33.555	ng	99
54) 2,4-Dinitrophenol	9.980	184	151184	104.683	ng	93
55) Dibenzofuran	10.128	168	746394	53.467	ng	99
56) 4-Nitrophenol	10.033	139	216891	102.157	ng	99
57) 2,4-Dinitrotoluene	10.110	165	192505	61.782	ng	99
58) Fluorene	10.475	166	550151	52.228	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	168183	57.248	ng	99
60) Diethylphthalate	10.345	149	616154	53.704	ng	98
61) 4-Chlorophenyl-phenyle...	10.463	204	291447	52.333	ng	98
62) 4-Nitroaniline	10.486	138	133789	49.617	ng	98
63) Azobenzene	10.627	77	653508	54.500	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	102234	62.736	ng	98
66) n-Nitrosodiphenylamine	10.586	169	557500	54.753	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	193343	53.949	ng	98
68) Hexachlorobenzene	11.022	284	221884	53.479	ng	99
69) Atrazine	11.110	200	163636	53.023	ng	96
70) Pentachlorophenol	11.216	266	258387	108.434	ng	99
71) Phenanthrene	11.439	178	842527	53.592	ng	99
72) Anthracene	11.492	178	852698	53.689	ng	100
73) Carbazole	11.645	167	747235	53.123	ng	99
74) Di-n-butylphthalate	11.974	149	920620	56.471	ng	99
75) Fluoranthene	12.627	202	851344	52.426	ng	100
77) Benzidine	12.751	184	41669	6.336	ng	99
78) Pyrene	12.857	202	843683	53.429	ng	99
80) Butylbenzylphthalate	13.474	149	304481	59.373	ng	98
81) Benzo(a)anthracene	14.051	228	682754	55.083	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	165018	43.686	ng	99
83) Chrysene	14.086	228	647475	56.441	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	371382	60.076	ng	99
85) Di-n-octyl phthalate	14.651	149	616939	60.762	ng	99
87) Indeno(1,2,3-cd)pyrene	17.039	276	854684	61.420	ng	99
88) Benzo(b)fluoranthene	15.104	252	717390	54.992	ng	99
89) Benzo(k)fluoranthene	15.133	252	628520	52.068	ng	99
90) Benzo(a)pyrene	15.480	252	665888	58.868	ng	99
91) Dibenzo(a,h)anthracene	17.056	278	682034	60.941	ng	99
92) Benzo(g,h,i)perylene	17.498	276	688613	61.529	ng	99

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

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