Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142761.D
Acq On : 12 Jun 2025 16:57
Operator : RC/JU
Sample : Q2296-09MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Quant Time: Jun 12 18:30:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	69189	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	262079	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	139446	20.000	ng		0.00
64) Phenanthrene-d10	11.421	188	222147	20.000	ng		0.00
76) Chrysene-d12	14.068	240	126826	20.000	ng		0.00
86) Perylene-d12	15.562	264	153051	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	408608	100.582	ng		0.01
7) Phenol-d6	6.522	99	487112	101.888	ng		0.00
23) Nitrobenzene-d5	7.457	82	293005	61.186	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	150215	98.288	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	608463	57.971	ng		0.00
79) Terphenyl-d14	13.004	244	476005	51.548	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	69634	43.312	ng		99
3) Pyridine	3.493	79	187893	46.610	ng		99
4) n-Nitrosodimethylamine	3.451	42	104098	50.471	ng		99
6) Aniline	6.551	93	198655	31.046	ng	#	86
8) 2-Chlorophenol	6.675	128	217258	48.938	ng		100
9) Benzaldehyde	6.445	77	149833	50.608	ng		98
10) Phenol	6.539	94	257442	48.445	ng		96
11) bis(2-Chloroethyl)ether	6.628	93	189485	47.738	ng		100
12) 1,3-Dichlorobenzene	6.834	146	238459	47.066	ng		99
13) 1,4-Dichlorobenzene	6.910	146	242284	47.319	ng		99
14) 1,2-Dichlorobenzene	7.063	146	231893	47.247	ng		100
15) Benzyl Alcohol	7.034	79	176608	48.874	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	294809	47.174	ng		94
17) 2-Methylphenol	7.145	107	165160	48.528	ng		99
18) Hexachloroethane	7.404	117	86079	46.911	ng		98
19) n-Nitroso-di-n-propyla...	7.304	70	140506	46.164	ng		99
20) 3+4-Methylphenols	7.298	107	206124	48.039	ng		93
22) Acetophenone	7.298	105	282509	48.460	ng		96
24) Nitrobenzene	7.475	77	212088	49.901	ng		100
25) Isophorone	7.716	82	380772	46.962	ng		99
26) 2-Nitrophenol	7.792	139	118294	49.872	ng		99
27) 2,4-Dimethylphenol	7.828	122	197618	48.934	ng		99
28) bis(2-Chloroethoxy)met...	7.922	93	241559	47.985	ng		100
29) 2,4-Dichlorophenol	8.033	162	182087	48.857	ng		99
30) 1,2,4-Trichlorobenzene	8.116	180	197158	47.874	ng		99
31) Naphthalene	8.198	128	620199	47.850	ng		100
32) Benzoic acid	7.945	122	114094	50.165	ng		98
33) 4-Chloroaniline	8.245	127	61288	11.777	ng		99
34) Hexachlorobutadiene	8.316	225	122789	46.788	ng		99
35) Caprolactam	8.622	113	56577	56.238	ng		98
36) 4-Chloro-3-methylphenol	8.733	107	185672	47.911	ng		100
37) 2-Methylnaphthalene	8.892	142	384266	46.839	ng		99
38) 1-Methylnaphthalene	8.992	142	399849	47.048	ng		100
40) 1,2,4,5-Tetrachloroben...	9.057	216	194467	48.184	ng		98
41) Hexachlorocyclopentadiene	9.045	237	217123	83.819	ng		99
43) 2,4,6-Trichlorophenol	9.169	196	132980	50.900	ng		99

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	135138	47.891	ng	99
46) 1,1'-Biphenyl	9.357	154	533140	49.236	ng	99
47) 2-Chloronaphthalene	9.380	162	391327	49.054	ng	98
48) 2-Nitroaniline	9.475	65	116141	51.188	ng	99
49) Acenaphthylene	9.798	152	650231	48.341	ng	100
50) Dimethylphthalate	9.657	163	460790	49.484	ng	100
51) 2,6-Dinitrotoluene	9.716	165	100136	49.756	ng	92
52) Acenaphthene	9.969	154	429979	51.557	ng	99
53) 3-Nitroaniline	9.886	138	51339	23.519	ng	99
54) 2,4-Dinitrophenol	9.998	184	92899	84.267	ng	88
55) Dibenzofuran	10.139	168	567260	47.766	ng	99
56) 4-Nitrophenol	10.051	139	148299	100.168	ng	99
57) 2,4-Dinitrotoluene	10.122	165	138336	51.988	ng	99
58) Fluorene	10.486	166	443347	47.274	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	109125	45.968	ng	99
60) Diethylphthalate	10.351	149	458412	49.646	ng	99
61) 4-Chlorophenyl-phenyle...	10.474	204	215483	47.049	ng	98
62) 4-Nitroaniline	10.504	138	97853	50.107	ng	99
63) Azobenzene	10.633	77	413498	51.276	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	62595	44.996	ng	98
66) n-Nitrosodiphenylamine	10.592	169	385562	50.493	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	128143	48.869	ng	98
68) Hexachlorobenzene	11.033	284	140562	48.291	ng	98
69) Atrazine	11.121	200	122063	59.957	ng	100
70) Pentachlorophenol	11.227	266	139477	91.414	ng	99
71) Phenanthrene	11.451	178	583583	49.035	ng	100
72) Anthracene	11.498	178	597661	48.545	ng	99
73) Carbazole	11.657	167	509378	49.422	ng	99
74) Di-n-butylphthalate	11.980	149	652503	56.696	ng	99
75) Fluoranthene	12.639	202	515554	45.556	ng	99
77) Benzidine	12.757	184	195558	43.296	ng	98
78) Pyrene	12.868	202	500461	42.463	ng	100
80) Butylbenzylphthalate	13.480	149	188132	53.979	ng	99
81) Benzo(a)anthracene	14.057	228	419108	49.868	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	57539	21.231	ng	97
83) Chrysene	14.092	228	391464	50.450	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	245089	46.858	ng	99
85) Di-n-octyl phthalate	14.657	149	422699	42.123	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	396636	34.971	ng	99
88) Benzo(b)fluoranthene	15.121	252	474359	52.637	ng	100
89) Benzo(k)fluoranthene	15.151	252	406252	46.461	ng	99
90) Benzo(a)pyrene	15.498	252	429162	50.086	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	324678	35.059	ng	100
92) Benzo(g,h,i)perylene	17.533	276	294954	32.028	ng	99

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

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