Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142944.D
Acq On : 01 Jul 2025 12:18
Operator : RC/JU
Sample : PB168640BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168640BSD

Quant Time: Jul 01 12:43:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	65184	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	245386	20.000	ng		-0.01
39) Acenaphthene-d10	9.916	164	124805	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	197649	20.000	ng		0.00
76) Chrysene-d12	14.051	240	116169	20.000	ng		0.00
86) Perylene-d12	15.539	264	139461	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	484520	123.756	ng		0.01
7) Phenol-d6	6.510	99	568747	123.130	ng		0.00
23) Nitrobenzene-d5	7.440	82	351671	78.609	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	166711	129.804	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	769632	81.010	ng		-0.01
79) Terphenyl-d14	12.992	244	638535	75.947	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	54521	34.816	ng		99
3) Pyridine	3.475	79	150707	38.389	ng		97
4) n-Nitrosodimethylamine	3.428	42	82807	40.790	ng		99
6) Aniline	6.534	93	208825	33.977	ng	#	73
8) 2-Chlorophenol	6.657	128	186263	44.104	ng		98
9) Benzaldehyde	6.428	77	99406	36.274	ng		98
10) Phenol	6.522	94	214555	41.787	ng		90
11) bis(2-Chloroethyl)ether	6.610	93	158705	43.248	ng		97
12) 1,3-Dichlorobenzene	6.816	146	203566	43.099	ng		100
13) 1,4-Dichlorobenzene	6.893	146	205504	43.124	ng		99
14) 1,2-Dichlorobenzene	7.045	146	196377	43.447	ng		99
15) Benzyl Alcohol	7.016	79	146431	43.851	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	238176	40.397	ng		87
17) 2-Methylphenol	7.128	107	136750	42.728	ng		98
18) Hexachloroethane	7.387	117	73533	44.116	ng		98
19) n-Nitroso-di-n-propyla...	7.287	70	118185	43.993	ng		97
20) 3+4-Methylphenols	7.281	107	174311	43.682	ng		95
22) Acetophenone	7.281	105	243778	45.051	ng		98
24) Nitrobenzene	7.457	77	176294	43.539	ng		98
25) Isophorone	7.698	82	314195	43.781	ng		99
26) 2-Nitrophenol	7.775	139	102081	46.280	ng		99
27) 2,4-Dimethylphenol	7.810	122	164420	43.034	ng		98
28) bis(2-Chloroethoxy)met...	7.904	93	201419	44.147	ng		100
29) 2,4-Dichlorophenol	8.016	162	154996	44.741	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	168146	44.140	ng		98
31) Naphthalene	8.181	128	531157	44.222	ng		100
32) Benzoic acid	7.934	122	87792	45.083	ng		96
33) 4-Chloroaniline	8.228	127	116571	23.868	ng		99
34) Hexachlorobutadiene	8.292	225	105432	45.247	ng		100
35) Caprolactam	8.604	113	42702m	46.712	ng		
36) 4-Chloro-3-methylphenol	8.716	107	154249	44.801	ng		99
37) 2-Methylnaphthalene	8.875	142	326740	43.878	ng		100
38) 1-Methylnaphthalene	8.975	142	339032	43.981	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	168207	45.676	ng		99
41) Hexachlorocyclopentadiene	9.028	237	192635	92.179	ng		98
43) 2,4,6-Trichlorophenol	9.151	196	106489	44.377	ng		99

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44) 2,4,5-Trichlorophenol	9.198	196	113083	44.766	ng	99
46) 1,1'-Biphenyl	9.339	154	448123	45.454	ng	99
47) 2-Chloronaphthalene	9.363	162	331737	44.839	ng	99
48) 2-Nitroaniline	9.463	65	91293	44.014	ng	94
49) Acenaphthylene	9.781	152	544719	44.725	ng	100
50) Dimethylphthalate	9.639	163	369023	45.679	ng	100
51) 2,6-Dinitrotoluene	9.704	165	82109	46.281	ng	96
52) Acenaphthene	9.951	154	365119m	49.135	ng	
53) 3-Nitroaniline	9.869	138	56779	29.067	ng	98
54) 2,4-Dinitrophenol	9.986	184	82221	92.554	ng	96
55) Dibenzofuran	10.122	168	473873	44.471	ng	100
56) 4-Nitrophenol	10.039	139	113528	84.895	ng	97
57) 2,4-Dinitrotoluene	10.110	165	109454	46.446	ng	98
58) Fluorene	10.469	166	373029	44.825	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	94848	46.582	ng	95
60) Diethylphthalate	10.339	149	364066	45.962	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	178715	45.004	ng	98
62) 4-Nitroaniline	10.486	138	79618	44.567	ng	98
63) Azobenzene	10.616	77	313679	44.308	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	55583	46.493	ng	98
66) n-Nitrosodiphenylamine	10.575	169	316326	46.179	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	107827	47.935	ng	97
68) Hexachlorobenzene	11.016	284	117806	47.132	ng	99
69) Atrazine	11.104	200	91306	51.618	ng	100
70) Pentachlorophenol	11.216	266	113502	91.130	ng	99
71) Phenanthrene	11.433	178	490474	45.810	ng	100
72) Anthracene	11.486	178	506614	46.137	ng	100
73) Carbazole	11.639	167	429302	45.305	ng	99
74) Di-n-butylphthalate	11.963	149	491986	49.839	ng	100
75) Fluoranthene	12.622	202	457848	45.059	ng	100
77) Benzidine	12.745	184	203361	46.593	ng	100
78) Pyrene	12.851	202	455495	41.831	ng	99
80) Butylbenzylphthalate	13.463	149	164386	52.044	ng	97
81) Benzo(a)anthracene	14.039	228	375795	47.952	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	66771	26.268	ng	99
83) Chrysene	14.080	228	319964	45.755	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	245677	54.060	ng	100
85) Di-n-octyl phthalate	14.633	149	445062	51.937	ng	98
87) Indeno(1,2,3-cd)pyrene	17.062	276	468153	44.071	ng	99
88) Benzo(b)fluoranthene	15.104	252	409102	50.695	ng	100
89) Benzo(k)fluoranthene	15.133	252	327160	43.333	ng	100
90) Benzo(a)pyrene	15.480	252	372666	47.802	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	384079	44.500	ng	98
92) Benzo(g,h,i)perylene	17.515	276	377165	43.823	ng	99

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

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