Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143050.D
Acq On : 09 Jul 2025 11:54
Operator : RC/JU
Sample : PB168737BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168737BS

Quant Time: Jul 09 12:15:29 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	58302	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	228077	20.000	ng		-0.01
39) Acenaphthene-d10	9.916	164	121529	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	206226	20.000	ng		0.00
76) Chrysene-d12	14.057	240	108155	20.000	ng		0.00
86) Perylene-d12	15.545	264	126456	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	449648	128.406	ng		0.01
7) Phenol-d6	6.510	99	531316	128.604	ng		0.00
23) Nitrobenzene-d5	7.440	82	334645	80.480	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	173308	138.578	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	744829	80.513	ng		-0.01
79) Terphenyl-d14	12.992	244	658375	84.109	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	50294	35.908	ng		98
3) Pyridine	3.481	79	136499	38.874	ng		96
4) n-Nitrosodimethylamine	3.440	42	73847	40.670	ng		98
6) Aniline	6.534	93	188534	34.296	ng	#	65
8) 2-Chlorophenol	6.657	128	168543	44.619	ng		99
9) Benzaldehyde	6.422	77	108014	44.068	ng		100
10) Phenol	6.528	94	199506	43.443	ng		75
11) bis(2-Chloroethyl)ether	6.604	93	147349	44.893	ng		97
12) 1,3-Dichlorobenzene	6.810	146	183182	43.361	ng		99
13) 1,4-Dichlorobenzene	6.893	146	185779	43.587	ng		99
14) 1,2-Dichlorobenzene	7.040	146	175552	43.424	ng		98
15) Benzyl Alcohol	7.016	79	135160	45.253	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	212911	40.375	ng		80
17) 2-Methylphenol	7.134	107	127680	44.603	ng		95
18) Hexachloroethane	7.381	117	66815	44.817	ng		100
19) n-Nitroso-di-n-propyla...	7.287	70	109219	45.454	ng		96
20) 3+4-Methylphenols	7.287	107	164295	46.032	ng		98
22) Acetophenone	7.281	105	224694	44.675	ng		100
24) Nitrobenzene	7.457	77	161798	42.991	ng		99
25) Isophorone	7.698	82	294629	44.170	ng		100
26) 2-Nitrophenol	7.775	139	94009	45.855	ng		98
27) 2,4-Dimethylphenol	7.810	122	155883m	43.896	ng		
28) bis(2-Chloroethoxy)met...	7.904	93	185475	43.737	ng		100
29) 2,4-Dichlorophenol	8.022	162	144105	44.754	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	152029	42.938	ng		99
31) Naphthalene	8.181	128	486485	43.576	ng		100
32) Benzoic acid	7.945	122	75951	41.962	ng		96
33) 4-Chloroaniline	8.228	127	118697	26.148	ng		99
34) Hexachlorobutadiene	8.292	225	95154	43.935	ng		99
35) Caprolactam	8.610	113	41350m	48.666	ng		
36) 4-Chloro-3-methylphenol	8.716	107	144951	45.296	ng		99
37) 2-Methylnaphthalene	8.869	142	304530	43.999	ng		100
38) 1-Methylnaphthalene	8.969	142	316070	44.114	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	157840	44.017	ng		98
41) Hexachlorocyclopentadiene	9.022	237	151098	74.252	ng		98
43) 2,4,6-Trichlorophenol	9.157	196	98098	41.982	ng		99

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44) 2,4,5-Trichlorophenol	9.198	196	104512	42.489	ng	98
46) 1,1'-Biphenyl	9.334	154	429404	44.729	ng	99
47) 2-Chloronaphthalene	9.363	162	313651	43.537	ng	99
48) 2-Nitroaniline	9.463	65	89915	44.518	ng	95
49) Acenaphthylene	9.781	152	524170	44.198	ng	99
50) Dimethylphthalate	9.639	163	366959	46.648	ng	100
51) 2,6-Dinitrotoluene	9.704	165	80555	46.629	ng	98
52) Acenaphthene	9.951	154	354292m	48.963	ng	
53) 3-Nitroaniline	9.875	138	58083	30.537	ng	99
54) 2,4-Dinitrophenol	9.992	184	78340	90.563	ng	95
55) Dibenzofuran	10.122	168	463528	44.673	ng	100
56) 4-Nitrophenol	10.045	139	95638	73.445	ng	97
57) 2,4-Dinitrotoluene	10.110	165	107991	47.060	ng	94
58) Fluorene	10.469	166	368742	45.504	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	91493	46.145	ng	92
60) Diethylphthalate	10.339	149	361272	46.839	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	176041	45.525	ng	99
62) 4-Nitroaniline	10.492	138	77682	44.655	ng	97
63) Azobenzene	10.616	77	310675	45.067	ng	99
65) 4,6-Dinitro-2-methylph...	10.528	198	55980	44.878	ng	99
66) n-Nitrosodiphenylamine	10.575	169	317396	44.408	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	106772	45.492	ng	97
68) Hexachlorobenzene	11.016	284	118369	45.388	ng	99
69) Atrazine	11.104	200	92623	50.184	ng	99
70) Pentachlorophenol	11.216	266	93964	72.305	ng	99
71) Phenanthrene	11.433	178	490556	43.912	ng	99
72) Anthracene	11.486	178	506842	44.238	ng	100
73) Carbazole	11.639	167	437258	44.225	ng	99
74) Di-n-butylphthalate	11.963	149	498833	48.431	ng	100
75) Fluoranthene	12.622	202	465293	43.887	ng	100
77) Benzidine	12.745	184	162907	40.090	ng	99
78) Pyrene	12.851	202	458140	45.191	ng	100
80) Butylbenzylphthalate	13.463	149	144006	48.970	ng	97
81) Benzo(a)anthracene	14.045	228	324209	44.435	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	58933	24.902	ng	99
83) Chrysene	14.080	228	287397	44.143	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	203388	48.071	ng	100
85) Di-n-octyl phthalate	14.633	149	387425	48.561	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	410298	42.597	ng	99
88) Benzo(b)fluoranthene	15.110	252	316328	43.230	ng	100
89) Benzo(k)fluoranthene	15.139	252	324795	47.444	ng	99
90) Benzo(a)pyrene	15.486	252	319058	45.135	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	332637	42.503	ng	98
92) Benzo(g,h,i)perylene	17.533	276	327253	41.934	ng	98

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

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