Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142946.D
Acq On : 01 Jul 2025 13:19
Operator : RC/JU
Sample : PB168646BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168646BS

Quant Time: Jul 01 13:46:04 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	67195	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	250132	20.000	ng		-0.01
39) Acenaphthene-d10	9.916	164	129120	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	199440	20.000	ng		0.00
76) Chrysene-d12	14.051	240	128292	20.000	ng		0.00
86) Perylene-d12	15.539	264	150113	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	480935	119.164	ng		0.01
7) Phenol-d6	6.510	99	563637	118.371	ng		0.00
23) Nitrobenzene-d5	7.439	82	348776	76.482	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	161005	121.172	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	759567	77.279	ng		-0.01
79) Terphenyl-d14	12.992	244	635911	68.487	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	54706	33.889	ng		99
3) Pyridine	3.469	79	148221	36.626	ng		97
4) n-Nitrosodimethylamine	3.422	42	82942	39.633	ng		98
6) Aniline	6.533	93	202123	31.902	ng	#	73
8) 2-Chlorophenol	6.657	128	184372	42.349	ng		98
9) Benzaldehyde	6.428	77	100724	35.655	ng		100
10) Phenol	6.522	94	213181	40.277	ng		90
11) bis(2-Chloroethyl)ether	6.610	93	156812	41.453	ng		97
12) 1,3-Dichlorobenzene	6.816	146	200175	41.112	ng		100
13) 1,4-Dichlorobenzene	6.892	146	202702	41.263	ng		99
14) 1,2-Dichlorobenzene	7.045	146	193668	41.565	ng		100
15) Benzyl Alcohol	7.016	79	143408	41.660	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	233846	38.476	ng		87
17) 2-Methylphenol	7.128	107	137105	41.557	ng		98
18) Hexachloroethane	7.386	117	71407	41.558	ng		96
19) n-Nitroso-di-n-propyla...	7.286	70	115697	41.778	ng		97
20) 3+4-Methylphenols	7.280	107	172817	42.012	ng		94
22) Acetophenone	7.280	105	238778	43.289	ng		99
24) Nitrobenzene	7.457	77	172625	41.824	ng		97
25) Isophorone	7.698	82	307485	42.033	ng		99
26) 2-Nitrophenol	7.775	139	99426	44.221	ng		98
27) 2,4-Dimethylphenol	7.810	122	163238	41.914	ng		99
28) bis(2-Chloroethoxy)met...	7.904	93	196942	42.346	ng		99
29) 2,4-Dichlorophenol	8.016	162	149445	42.320	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	164304	42.313	ng		99
31) Naphthalene	8.180	128	516422	42.179	ng		100
32) Benzoic acid	7.933	122	83676	42.154	ng		96
33) 4-Chloroaniline	8.227	127	115484	23.197	ng		99
34) Hexachlorobutadiene	8.292	225	102223	43.038	ng		99
35) Caprolactam	8.598	113	42655m	45.775	ng		
36) 4-Chloro-3-methylphenol	8.716	107	148317	42.261	ng		100
37) 2-Methylnaphthalene	8.869	142	323673	42.642	ng		99
38) 1-Methylnaphthalene	8.969	142	333191	42.403	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	165197	43.360	ng		98
41) Hexachlorocyclopentadiene	9.022	237	186545	86.282	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	105375	42.445	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	108242	41.418	ng	98
46) 1,1'-Biphenyl	9.339	154	440097	43.148	ng	99
47) 2-Chloronaphthalene	9.363	162	323917	42.319	ng	99
48) 2-Nitroaniline	9.457	65	90842	42.333	ng	99
49) Acenaphthylene	9.780	152	535057	42.463	ng	99
50) Dimethylphthalate	9.639	163	365867	43.774	ng	99
51) 2,6-Dinitrotoluene	9.704	165	79619	43.377	ng	96
52) Acenaphthene	9.951	154	355316m	46.218	ng	
53) 3-Nitroaniline	9.869	138	54935	27.184	ng	97
54) 2,4-Dinitrophenol	9.980	184	80497	87.586	ng	100
55) Dibenzofuran	10.121	168	470678	42.695	ng	100
56) 4-Nitrophenol	10.039	139	108509	78.430	ng	98
57) 2,4-Dinitrotoluene	10.110	165	105940	43.452	ng	95
58) Fluorene	10.468	166	367730	42.711	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	87172	41.381	ng	96
60) Diethylphthalate	10.333	149	353989	43.196	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	178346	43.410	ng	99
62) 4-Nitroaniline	10.486	138	76417	41.346	ng	97
63) Azobenzene	10.616	77	304060	41.514	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	54851	45.469	ng	96
66) n-Nitrosodiphenylamine	10.574	169	311246	45.029	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	104496	46.037	ng	97
68) Hexachlorobenzene	11.015	284	114996	45.595	ng	99
69) Atrazine	11.104	200	89246	50.000	ng	99
70) Pentachlorophenol	11.210	266	109176	86.869	ng	99
71) Phenanthrene	11.427	178	479793	44.410	ng	100
72) Anthracene	11.480	178	496574	44.817	ng	100
73) Carbazole	11.639	167	419523	43.875	ng	100
74) Di-n-butylphthalate	11.963	149	483669	48.557	ng	99
75) Fluoranthene	12.621	202	448592	43.751	ng	100
77) Benzidine	12.739	184	208638	43.285	ng	100
78) Pyrene	12.851	202	453430	37.706	ng	100
80) Butylbenzylphthalate	13.462	149	172196	49.365	ng	96
81) Benzo(a)anthracene	14.039	228	374823	43.309	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	68498	24.401	ng	99
83) Chrysene	14.074	228	348834	45.170	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	257850	51.377	ng	100
85) Di-n-octyl phthalate	14.633	149	459532	48.558	ng	98
87) Indeno(1,2,3-cd)pyrene	17.056	276	471534	41.240	ng	98
88) Benzo(b)fluoranthene	15.103	252	381700	43.943	ng	100
89) Benzo(k)fluoranthene	15.133	252	390823	48.092	ng	99
90) Benzo(a)pyrene	15.480	252	381599	45.475	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	383480	41.278	ng	99
92) Benzo(g,h,i)perylene	17.515	276	380430	41.066	ng	97

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

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