Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080625\
Data File : BF143323.D
Acq On : 06 Aug 2025 11:36
Operator : RC/JU
Sample : PB169106BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169106BS

Quant Time: Aug 06 11:59:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	113566	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	430982	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	226008	20.000	ng		0.00
64) Phenanthrene-d10	11.492	188	366768	20.000	ng		0.00
76) Chrysene-d12	14.133	240	218116	20.000	ng		0.01
86) Perylene-d12	15.639	264	231621	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.610	112	842147	117.347	ng		0.02
7) Phenol-d6	6.598	99	1065274	117.932	ng		0.01
23) Nitrobenzene-d5	7.522	82	711762	82.322	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	295021	126.359	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1281044	77.519	ng		0.00
79) Terphenyl-d14	13.068	244	1204586	82.184	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.893	88	120280	35.421	ng		99
3) Pyridine	3.651	79	331047	37.560	ng		98
4) n-Nitrosodimethylamine	3.593	42	184494	40.543	ng		95
6) Aniline	6.622	93	343782	27.308	ng	#	79
8) 2-Chlorophenol	6.751	128	321033	42.677	ng		98
9) Benzaldehyde	6.510	77	197213	29.116	ng		99
10) Phenol	6.610	94	404743	41.130	ng		90
11) bis(2-Chloroethyl)ether	6.692	93	323412	42.924	ng		99
12) 1,3-Dichlorobenzene	6.904	146	340851	41.711	ng		99
13) 1,4-Dichlorobenzene	6.981	146	343020	41.682	ng		99
14) 1,2-Dichlorobenzene	7.134	146	329775	42.132	ng		99
15) Benzyl Alcohol	7.098	79	291794	42.307	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	596198	42.656	ng		96
17) 2-Methylphenol	7.216	107	266136	42.077	ng		98
18) Hexachloroethane	7.475	117	121233	42.554	ng		98
19) n-Nitroso-di-n-propyla...	7.369	70	235154	40.577	ng		99
20) 3+4-Methylphenols	7.363	107	315288	41.085	ng	#	76
22) Acetophenone	7.369	105	424451	41.598	ng	#	97
24) Nitrobenzene	7.539	77	351904	43.656	ng		99
25) Isophorone	7.781	82	656988	43.044	ng		99
26) 2-Nitrophenol	7.857	139	175693	50.221	ng		97
27) 2,4-Dimethylphenol	7.892	122	295630	41.457	ng		99
28) bis(2-Chloroethoxy)met...	7.986	93	397686	43.457	ng		99
29) 2,4-Dichlorophenol	8.098	162	262165	43.594	ng		99
30) 1,2,4-Trichlorobenzene	8.186	180	280608	43.190	ng		100
31) Naphthalene	8.269	128	915423	43.129	ng		100
32) Benzoic acid	8.004	122	154366	39.461	ng		99
33) 4-Chloroaniline	8.310	127	132807	15.324	ng		98
34) Hexachlorobutadiene	8.386	225	170566	42.976	ng		99
35) Caprolactam	8.681	113	87478	48.137	ng		99
36) 4-Chloro-3-methylphenol	8.792	107	283707	43.403	ng		98
37) 2-Methylnaphthalene	8.957	142	560060	43.362	ng		99
38) 1-Methylnaphthalene	9.057	142	569541	42.822	ng		98
40) 1,2,4,5-Tetrachloroben...	9.128	216	275115	42.163	ng		99
41) Hexachlorocyclopentadiene	9.116	237	290674	68.463	ng		100
43) 2,4,6-Trichlorophenol	9.233	196	182380	40.386	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	191583	42.411	ng		98
46) 1,1'-Biphenyl	9.422	154	745971	42.305	ng		99
47) 2-Chloronaphthalene	9.445	162	549316	42.102	ng		100
48) 2-Nitroaniline	9.533	65	184070	44.988	ng		98
49) Acenaphthylene	9.863	152	933501	42.694	ng		100
50) Dimethylphthalate	9.716	163	655906	44.523	ng		100
51) 2,6-Dinitrotoluene	9.775	165	142737	47.628	ng		98
52) Acenaphthene	10.033	154	594413	45.996	ng		98
53) 3-Nitroaniline	9.945	138	92055	26.261	ng		96
54) 2,4-Dinitrophenol	10.057	184	122873	89.592	ng	#	1
55) Dibenzofuran	10.210	168	804945	41.953	ng		99
56) 4-Nitrophenol	10.110	139	181692	69.412	ng		95
57) 2,4-Dinitrotoluene	10.180	165	189540	50.411	ng		97
58) Fluorene	10.551	166	619917	43.049	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.327	232	159922	42.738	ng		97
60) Diethylphthalate	10.416	149	647262	44.452	ng		100
61) 4-Chlorophenyl-phenyle...	10.539	204	312846	43.630	ng		99
62) 4-Nitroaniline	10.563	138	131161	43.658	ng		97
63) Azobenzene	10.698	77	652365	42.987	ng		99
65) 4,6-Dinitro-2-methylph...	10.592	198	91775	47.762	ng		100
66) n-Nitrosodiphenylamine	10.657	169	542862	42.033	ng		98
67) 4-Bromophenyl-phenylether	11.027	248	188848	43.206	ng		99
68) Hexachlorobenzene	11.104	284	197340	43.196	ng		98
69) Atrazine	11.180	200	170389	47.855	ng		99
70) Pentachlorophenol	11.298	266	191047	71.110	ng		99
71) Phenanthrene	11.516	178	820547	42.135	ng		100
72) Anthracene	11.569	178	844668	42.528	ng		100
73) Carbazole	11.716	167	734242	42.336	ng		100
74) Di-n-butylphthalate	12.039	149	967770	49.317	ng		100
75) Fluoranthene	12.704	202	807761	45.190	ng		99
77) Benzidine	12.816	184	209571	24.939	ng		99
78) Pyrene	12.933	202	796950	42.812	ng		100
80) Butylbenzylphthalate	13.539	149	325961	57.184	ng		99
81) Benzo(a)anthracene	14.121	228	644421	44.130	ng		100
82) 3,3'-Dichlorobenzidine	14.074	252	114861	23.600	ng		99
83) Chrysene	14.157	228	567438	43.219	ng		99
84) Bis(2-ethylhexyl)phtha...	14.098	149	443590	51.414	ng		100
85) Di-n-octyl phthalate	14.715	149	716056	45.787	ng	#	99
87) Indeno(1,2,3-cd)pyrene	17.186	276	639442	39.152	ng		99
88) Benzo(b)fluoranthene	15.192	252	587738	41.536	ng		99
89) Benzo(k)fluoranthene	15.221	252	608697	48.207	ng		99
90) Benzo(a)pyrene	15.574	252	579387	44.442	ng		99
91) Dibenzo(a,h)anthracene	17.203	278	515564	38.783	ng		100
92) Benzo(g,h,i)perylene	17.656	276	500415	38.915	ng		99

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

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