Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071825\
Data File : BF143161.D
Acq On : 18 Jul 2025 12:23
Operator : RC/JU
Sample : PB168854BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Quant Time: Jul 18 12:50:06 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	139667	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	546395	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	284388	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	457190	20.000	ng		0.00
76) Chrysene-d12	14.121	240	257248	20.000	ng		0.00
86) Perylene-d12	15.621	264	280393	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.598	112	995555	112.799	ng		0.01
7) Phenol-d6	6.587	99	1255532	113.019	ng		0.00
23) Nitrobenzene-d5	7.522	82	860426	78.496	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	355938	121.154	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1524454	73.311	ng		0.00
79) Terphenyl-d14	13.063	244	1305676	75.530	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.916	88	154042	36.886	ng		99
3) Pyridine	3.657	79	423628	39.082	ng		98
4) n-Nitrosodimethylamine	3.604	42	239152	42.733	ng		97
6) Aniline	6.622	93	529368	34.191	ng		99
8) 2-Chlorophenol	6.745	128	405746	43.858	ng		99
9) Benzaldehyde	6.510	77	281116	33.747	ng		98
10) Phenol	6.598	94	527851m	43.616	ng		
11) bis(2-Chloroethyl)ether	6.692	93	405839	43.798	ng		99
12) 1,3-Dichlorobenzene	6.904	146	424478	42.237	ng		99
13) 1,4-Dichlorobenzene	6.981	146	433056	42.789	ng		99
14) 1,2-Dichlorobenzene	7.134	146	413144	42.919	ng		100
15) Benzyl Alcohol	7.098	79	373485	44.031	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	749915	43.627	ng		100
17) 2-Methylphenol	7.204	107	340268	43.743	ng		99
18) Hexachloroethane	7.481	117	152465	43.515	ng		99
19) n-Nitroso-di-n-propyla...	7.369	70	304986	42.792	ng		98
20) 3+4-Methylphenols	7.357	107	417934	44.283	ng	#	88
22) Acetophenone	7.363	105	555181	42.918	ng		96
24) Nitrobenzene	7.539	77	451420	44.173	ng		99
25) Isophorone	7.781	82	843553	43.593	ng		99
26) 2-Nitrophenol	7.857	139	204972	46.214	ng		99
27) 2,4-Dimethylphenol	7.886	122	391636	43.319	ng		99
28) bis(2-Chloroethoxy)met...	7.986	93	502839	43.341	ng		99
29) 2,4-Dichlorophenol	8.092	162	332594	43.623	ng		98
30) 1,2,4-Trichlorobenzene	8.181	180	355643	43.177	ng		99
31) Naphthalene	8.263	128	1160186m	43.115	ng		
32) Benzoic acid	7.998	122	231397m	45.714	ng		
33) 4-Chloroaniline	8.304	127	214732	19.543	ng		99
34) Hexachlorobutadiene	8.386	225	215725	42.873	ng		98
35) Caprolactam	8.669	113	110171m	47.819	ng		
36) 4-Chloro-3-methylphenol	8.781	107	363215	43.830	ng		99
37) 2-Methylnaphthalene	8.957	142	710734	43.404	ng		99
38) 1-Methylnaphthalene	9.057	142	732289	43.429	ng		100
40) 1,2,4,5-Tetrachloroben...	9.122	216	341661	41.612	ng		98
41) Hexachlorocyclopentadiene	9.116	237	450878	84.396	ng		100
43) 2,4,6-Trichlorophenol	9.228	196	241865	42.564	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	257361	45.277	ng		99
46) 1,1'-Biphenyl	9.422	154	956516	43.110	ng		100
47) 2-Chloronaphthalene	9.445	162	696563	42.428	ng		100
48) 2-Nitroaniline	9.528	65	239661	46.550	ng		95
49) Acenaphthylene	9.863	152	1197301	43.518	ng		99
50) Dimethylphthalate	9.716	163	819026	44.183	ng		100
51) 2,6-Dinitrotoluene	9.775	165	176895	46.909	ng		99
52) Acenaphthene	10.033	154	748426	46.024	ng		98
53) 3-Nitroaniline	9.939	138	137184	31.102	ng		100
54) 2,4-Dinitrophenol	10.045	184	160402	92.697	ng	#	3
55) Dibenzofuran	10.204	168	1038123	42.999	ng		99
56) 4-Nitrophenol	10.092	139	297598	90.352	ng		99
57) 2,4-Dinitrotoluene	10.175	165	232168	49.072	ng		99
58) Fluorene	10.545	166	778409	42.959	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.316	232	219704	46.661	ng		97
60) Diethylphthalate	10.416	149	815189	44.492	ng		100
61) 4-Chlorophenyl-phenyle...	10.539	204	390558	43.287	ng		100
62) 4-Nitroaniline	10.557	138	170541	45.113	ng		100
63) Azobenzene	10.698	77	849763	44.500	ng		100
65) 4,6-Dinitro-2-methylph...	10.586	198	104932	44.257	ng		98
66) n-Nitrosodiphenylamine	10.657	169	705995	43.853	ng		99
67) 4-Bromophenyl-phenylether	11.027	248	241290	44.286	ng		100
68) Hexachlorobenzene	11.098	284	253770	44.562	ng		99
69) Atrazine	11.175	200	208527	46.983	ng		99
70) Pentachlorophenol	11.286	266	305192	91.129	ng		98
71) Phenanthrene	11.510	178	1059125	43.630	ng		100
72) Anthracene	11.563	178	1074473	43.399	ng		100
73) Carbazole	11.710	167	951994	44.036	ng		100
74) Di-n-butylphthalate	12.039	149	1131308	46.248	ng		100
75) Fluoranthene	12.698	202	980449	44.003	ng		100
77) Benzidine	12.810	184	366399	36.969	ng		99
78) Pyrene	12.921	202	980591	44.664	ng		100
80) Butylbenzylphthalate	13.539	149	316224	47.037	ng		98
81) Benzo(a)anthracene	14.110	228	774464	44.967	ng		99
82) 3,3'-Dichlorobenzidine	14.068	252	150680	26.250	ng		99
83) Chrysene	14.145	228	702972	45.397	ng		99
84) Bis(2-ethylhexyl)phtha...	14.098	149	475648	46.744	ng		100
85) Di-n-octyl phthalate	14.715	149	837235	45.392	ng		100
87) Indeno(1,2,3-cd)pyrene	17.156	276	899497	45.495	ng		99
88) Benzo(b)fluoranthene	15.174	252	806547	47.085	ng		99
89) Benzo(k)fluoranthene	15.210	252	721686	47.214	ng		99
90) Benzo(a)pyrene	15.557	252	737322	46.719	ng		99
91) Dibenzo(a,h)anthracene	17.174	278	737405	45.822	ng		99
92) Benzo(g,h,i)perylene	17.621	276	720200	46.265	ng		100

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

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