Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
Data File : BF144063.D
Acq On : 24 Oct 2025 14:32
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Oct 24 17:05:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:52:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	58739	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	209353	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	112793	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	191608	20.000	ng		0.00
76) Chrysene-d12	14.062	240	151514	20.000	ng		0.00
86) Perylene-d12	15.539	264	200004	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	510582	137.523	ng		0.00
7) Phenol-d6	6.516	99	560479	136.693	ng		0.01
23) Nitrobenzene-d5	7.451	82	552167	144.501	ng		0.01
42) 2,4,6-Tribromophenol	10.716	330	212808	148.116	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	1050410	131.050	ng		0.00
79) Terphenyl-d14	13.004	244	1234056	142.390	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	113019	70.445	ng		97
3) Pyridine	3.398	79	321948	74.957	ng		97
4) n-Nitrosodimethylamine	3.369	42	201953	76.521	ng		97
6) Aniline	6.545	93	393504	67.082	ng		92
8) 2-Chlorophenol	6.669	128	250635	68.549	ng		97
9) Benzaldehyde	6.434	77	244035	76.656	ng		96
10) Phenol	6.528	94	339521	67.118	ng		87
11) bis(2-Chloroethyl)ether	6.622	93	254160	69.532	ng		99
12) 1,3-Dichlorobenzene	6.822	146	305526	67.741	ng		98
13) 1,4-Dichlorobenzene	6.898	146	304178	68.434	ng		99
14) 1,2-Dichlorobenzene	7.051	146	287786	66.915	ng		99
15) Benzyl Alcohol	7.028	79	240927	72.263	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	478809	69.697	ng		93
17) 2-Methylphenol	7.134	107	193458	68.795	ng		97
18) Hexachloroethane	7.392	117	112050	70.510	ng		93
19) n-Nitroso-di-n-propyla...	7.298	70	190167	71.721	ng		99
20) 3+4-Methylphenols	7.292	107	227718	68.500	ng	#	86
22) Acetophenone	7.298	105	310700	68.672	ng		99
24) Nitrobenzene	7.469	77	294221	72.786	ng		98
25) Isophorone	7.710	82	487685	73.000	ng		100
26) 2-Nitrophenol	7.781	139	138311	71.925	ng		97
27) 2,4-Dimethylphenol	7.816	122	207224	72.515	ng		98
28) bis(2-Chloroethoxy)met...	7.910	93	293996	70.566	ng		98
29) 2,4-Dichlorophenol	8.022	162	230075	69.232	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	239831	70.150	ng		97
31) Naphthalene	8.186	128	660164	66.812	ng		98
32) Benzoic acid	7.945	122	135524	74.766	ng		88
33) 4-Chloroaniline	8.233	127	239182	69.535	ng		97
34) Hexachlorobutadiene	8.304	225	196083	70.141	ng		98
35) Caprolactam	8.622	113	62887	75.462	ng		92
36) 4-Chloro-3-methylphenol	8.716	107	209253	71.352	ng		96
37) 2-Methylnaphthalene	8.880	142	438984	67.385	ng		97
38) 1-Methylnaphthalene	8.975	142	418223	67.761	ng		100
40) 1,2,4,5-Tetrachloroben...	9.045	216	263109	67.873	ng		99
41) Hexachlorocyclopentadiene	9.028	237	99937	83.468	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	173959	69.040	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	189248	71.565	ng		96
46) 1,1'-Biphenyl	9.345	154	530392	65.690	ng		99
47) 2-Chloronaphthalene	9.369	162	446307	65.979	ng		99
48) 2-Nitroaniline	9.463	65	148164	73.762	ng		99
49) Acenaphthylene	9.780	152	603127	66.126	ng		100
50) Dimethylphthalate	9.639	163	517194	69.954	ng		99
51) 2,6-Dinitrotoluene	9.704	165	108081	73.947	ng		97
52) Acenaphthene	9.957	154	412422	67.707	ng		98
53) 3-Nitroaniline	9.875	138	112811	69.421	ng		88
54) 2,4-Dinitrophenol	9.986	184	62962	79.646	ng		94
55) Dibenzofuran	10.127	168	560264	66.253	ng		99
56) 4-Nitrophenol	10.033	139	83091	75.509	ng		99
57) 2,4-Dinitrotoluene	10.110	165	145667	73.844	ng		97
58) Fluorene	10.474	166	426390	66.175	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	133917	71.865	ng	#	97
60) Diethylphthalate	10.345	149	488605	70.274	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	238684	65.871	ng		98
62) 4-Nitroaniline	10.492	138	113935	73.997	ng		98
63) Azobenzene	10.622	77	460222	69.934	ng		96
65) 4,6-Dinitro-2-methylph...	10.522	198	88545	72.027	ng		92
66) n-Nitrosodiphenylamine	10.580	169	415732	67.908	ng		98
67) 4-Bromophenyl-phenylether	10.957	248	164677	68.643	ng		100
68) Hexachlorobenzene	11.022	284	205267	69.766	ng		97
69) Atrazine	11.110	200	129646	64.536	ng		98
70) Pentachlorophenol	11.216	266	110717	79.055	ng		97
71) Phenanthrene	11.439	178	654557	68.769	ng		99
72) Anthracene	11.492	178	656473	66.765	ng		99
73) Carbazole	11.645	167	565232	67.538	ng		97
74) Di-n-butylphthalate	11.969	149	723962	70.556	ng		99
75) Fluoranthene	12.627	202	731393	69.552	ng		99
77) Benzidine	12.751	184	282392	59.887	ng		99
78) Pyrene	12.857	202	749362	68.794	ng		99
80) Butylbenzylphthalate	13.474	149	303486	73.645	ng		97
81) Benzo(a)anthracene	14.051	228	743007	72.564	ng		99
82) 3,3'-Dichlorobenzidine	14.015	252	258546	72.536	ng		100
83) Chrysene	14.092	228	708889	73.777	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	406325	72.226	ng		99
85) Di-n-octyl phthalate	14.651	149	714909	73.894	ng		96
87) Indeno(1,2,3-cd)pyrene	17.062	276	1010103	73.561	ng		98
88) Benzo(b)fluoranthene	15.109	252	840121	74.302	ng		99
89) Benzo(k)fluoranthene	15.145	252	708890	67.953	ng		99
90) Benzo(a)pyrene	15.486	252	727345	71.704	ng		99
91) Dibenzo(a,h)anthracene	17.080	278	797474	73.369	ng		99
92) Benzo(g,h,i)perylene	17.521	276	811620	74.269	ng		98

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

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