Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144009.D
Acq On : 21 Oct 2025 13:29
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Oct 21 13:57:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	126907	20.00	ng		0.00
21) Naphthalene-d8	8.163	136	483648	20.00	ng		0.00
39) Acenaphthene-d10	9.922	164	263342	20.00	ng		0.00
64) Phenanthrene-d10	11.416	188	430811	20.00	ng		0.00
76) Chrysene-d12	14.063	240	235758	20.00	ng		0.00
86) Perylene-d12	15.545	264	243917	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	659598	82.54	ng		0.00
7) Phenol-d6	6.510	99	758257	79.60	ng		0.00
23) Nitrobenzene-d5	7.445	82	659772	82.88	ng		-0.01
42) 2,4,6-Tribromophenol	10.716	330	201018	76.64	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	1236786	74.52	ng		-0.01
79) Terphenyl-d14	13.004	244	1208859	87.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	152307	41.18	ng		95
3) Pyridine	3.404	79	433211	40.24	ng		99
4) n-Nitrosodimethylamine	3.357	42	214136	37.81	ng		96
6) Aniline	6.545	93	562479	39.41	ng		98
8) 2-Chlorophenol	6.663	128	321477	41.15	ng		99
9) Benzaldehyde	6.434	77	305342	41.55	ng		100
10) Phenol	6.522	94	482522	42.37	ng		98
11) bis(2-Chloroethyl)ether	6.616	93	349275	39.70	ng		96
12) 1,3-Dichlorobenzene	6.822	146	371419	39.72	ng		99
13) 1,4-Dichlorobenzene	6.898	146	363777	39.44	ng		100
14) 1,2-Dichlorobenzene	7.051	146	358067	40.53	ng		99
15) Benzyl Alcohol	7.022	79	284416	39.85	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	818434	40.87	ng		100
17) 2-Methylphenol	7.134	107	256143	39.68	ng		98
18) Hexachloroethane	7.392	117	123432	40.13	ng		96
19) n-Nitroso-di-n-propyla...	7.292	70	249549	38.27	ng		99
20) 3+4-Methylphenols	7.287	107	298653	39.91	ng	#	79
22) Acetophenone	7.292	105	395279	38.65	ng		99
24) Nitrobenzene	7.463	77	369646	41.81	ng		99
25) Isophorone	7.704	82	642035	38.25	ng		98
26) 2-Nitrophenol	7.781	139	175637	46.34	ng		97
27) 2,4-Dimethylphenol	7.816	122	280851	41.19	ng		96
28) bis(2-Chloroethoxy)met...	7.910	93	419161	39.53	ng		98
29) 2,4-Dichlorophenol	8.022	162	284947	40.12	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	278910	39.93	ng		100
31) Naphthalene	8.186	128	872696	39.67	ng		99
32) Benzoic acid	7.922	122	177272	37.57	ng		97
33) 4-Chloroaniline	8.233	127	329949	39.99	ng		99
34) Hexachlorobutadiene	8.304	225	190984	39.35	ng		98
35) Caprolactam	8.604	113	91608	40.57	ng		97
36) 4-Chloro-3-methylphenol	8.716	107	271348	39.78	ng		98
37) 2-Methylnaphthalene	8.881	142	579595	39.55	ng		99
38) 1-Methylnaphthalene	8.980	142	554429	39.00	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	294341	40.44	ng		99
41) Hexachlorocyclopentadiene	9.033	237	117733	38.99	ng		96
43) 2,4,6-Trichlorophenol	9.157	196	207739	39.06	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	227628	40.50	ng		99
46) 1,1'-Biphenyl	9.345	154	675634	38.75	ng		99
47) 2-Chloronaphthalene	9.369	162	579022	39.83	ng		97
48) 2-Nitroaniline	9.463	65	195755	42.59	ng		97
49) Acenaphthylene	9.786	152	806476	39.46	ng		99
50) Dimethylphthalate	9.639	163	656275	39.24	ng		99
51) 2,6-Dinitrotoluene	9.704	165	139509	44.99	ng		97
52) Acenaphthene	9.957	154	516301	38.55	ng		98
53) 3-Nitroaniline	9.875	138	157431	41.46	ng		99
54) 2,4-Dinitrophenol	9.986	184	55464	33.42	ng		92
55) Dibenzofuran	10.127	168	744098	39.36	ng		98
56) 4-Nitrophenol	10.033	139	103581	36.03	ng		98
57) 2,4-Dinitrotoluene	10.110	165	184180	43.65	ng		98
58) Fluorene	10.475	166	554334	38.86	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.245	232	157324	39.55	ng	#	97
60) Diethylphthalate	10.345	149	593454	38.20	ng		98
61) 4-Chlorophenyl-phenyle...	10.463	204	295638	39.20	ng		99
62) 4-Nitroaniline	10.492	138	146339	40.08	ng		93
63) Azobenzene	10.627	77	637557	39.26	ng		99
65) 4,6-Dinitro-2-methylph...	10.522	198	93751	43.30	ng		97
66) n-Nitrosodiphenylamine	10.580	169	544516	40.25	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	183591	38.56	ng		96
68) Hexachlorobenzene	11.022	284	214871	38.98	ng		99
69) Atrazine	11.110	200	158713	38.71	ng		99
70) Pentachlorophenol	11.216	266	110842	35.01	ng		99
71) Phenanthrene	11.439	178	804054	38.50	ng		99
72) Anthracene	11.492	178	850834	40.32	ng		100
73) Carbazole	11.645	167	728491	38.98	ng		99
74) Di-n-butylphthalate	11.974	149	873478	40.33	ng		99
75) Fluoranthene	12.633	202	827067	38.34	ng		99
77) Benzidine	12.751	184	288239	35.21	ng		97
78) Pyrene	12.863	202	850887	43.29	ng		99
80) Butylbenzylphthalate	13.480	149	267401	41.89	ng		99
81) Benzo(a)anthracene	14.051	228	646917	41.93	ng		99
82) 3,3'-Dichlorobenzidine	14.015	252	188768	40.15	ng		99
83) Chrysene	14.092	228	552423	38.69	ng		100
84) Bis(2-ethylhexyl)phtha...	14.039	149	316468	41.13	ng		99
85) Di-n-octyl phthalate	14.657	149	554105	43.84	ng		99
87) Indeno(1,2,3-cd)pyrene	17.056	276	692814	46.35	ng		98
88) Benzo(b)fluoranthene	15.110	252	558030	39.83	ng		99
89) Benzo(k)fluoranthene	15.139	252	472182	36.42	ng		100
90) Benzo(a)pyrene	15.486	252	503690	41.46	ng	#	98
91) Dibenzo(a,h)anthracene	17.074	278	564523	46.96	ng		99
92) Benzo(g,h,i)perylene	17.509	276	557435	46.37	ng		98

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

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