Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143951.D
Acq On : 15 Oct 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Oct 16 00:09:07 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	133330	20.00	ng		0.00
21) Naphthalene-d8	8.169	136	482185	20.00	ng		0.00
39) Acenaphthene-d10	9.922	164	244444	20.00	ng		0.00
64) Phenanthrene-d10	11.416	188	412442	20.00	ng		0.00
76) Chrysene-d12	14.063	240	218845	20.00	ng		0.00
86) Perylene-d12	15.545	264	232657	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	701297	83.53	ng		0.00
7) Phenol-d6	6.510	99	813552	81.29	ng		0.00
23) Nitrobenzene-d5	7.445	82	684673	86.27	ng		-0.01
42) 2,4,6-Tribromophenol	10.716	330	196080	80.54	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	1152310	74.80	ng		-0.01
79) Terphenyl-d14	13.004	244	1175950	91.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	168790	43.44	ng		96
3) Pyridine	3.399	79	484730	42.86	ng		99
4) n-Nitrosodimethylamine	3.352	42	248770	41.81	ng		93
6) Aniline	6.546	93	592351	39.50	ng		98
8) 2-Chlorophenol	6.669	128	347897	42.39	ng		99
9) Benzaldehyde	6.434	77	329993	42.74	ng		99
10) Phenol	6.522	94	517071	43.22	ng		99
11) bis(2-Chloroethyl)ether	6.616	93	384555	41.61	ng		98
12) 1,3-Dichlorobenzene	6.822	146	397396	40.45	ng		99
13) 1,4-Dichlorobenzene	6.898	146	393148	40.57	ng		99
14) 1,2-Dichlorobenzene	7.051	146	380798	41.02	ng		99
15) Benzyl Alcohol	7.022	79	301088	40.15	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.151	45	849690	40.39	ng		99
17) 2-Methylphenol	7.134	107	279190	41.16	ng		98
18) Hexachloroethane	7.398	117	133072	41.18	ng		96
19) n-Nitroso-di-n-propyla...	7.298	70	235868	34.43	ng		99
20) 3+4-Methylphenols	7.287	107	297457	37.84	ng	#	85
22) Acetophenone	7.293	105	387720	38.03	ng		97
24) Nitrobenzene	7.469	77	385214	43.71	ng		98
25) Isophorone	7.704	82	631085	37.71	ng		99
26) 2-Nitrophenol	7.781	139	171815	45.47	ng		96
27) 2,4-Dimethylphenol	7.816	122	273265	40.20	ng		98
28) bis(2-Chloroethoxy)met...	7.910	93	400166	37.85	ng		99
29) 2,4-Dichlorophenol	8.022	162	284584	40.19	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	294138	42.24	ng		98
31) Naphthalene	8.187	128	875652	39.92	ng		99
32) Benzoic acid	7.922	122	174031	36.99	ng		97
33) 4-Chloroaniline	8.234	127	316865	38.52	ng		99
34) Hexachlorobutadiene	8.304	225	199996	41.33	ng		99
35) Caprolactam	8.604	113	86689	38.51	ng		96
36) 4-Chloro-3-methylphenol	8.710	107	258338	37.98	ng		98
37) 2-Methylnaphthalene	8.881	142	546469	37.40	ng		100
38) 1-Methylnaphthalene	8.981	142	527838	37.24	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	286554	42.41	ng		99
41) Hexachlorocyclopentadiene	9.034	237	99519	35.51	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	202402	41.00	ng		95

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44) 2,4,5-Trichlorophenol	9.192	196	218232	41.83	ng		99
46) 1,1'-Biphenyl	9.345	154	647360	40.00	ng		99
47) 2-Chloronaphthalene	9.369	162	541940	40.16	ng		99
48) 2-Nitroaniline	9.463	65	193716	45.41	ng		99
49) Acenaphthylene	9.787	152	752209	39.65	ng		99
50) Dimethylphthalate	9.639	163	627266	40.41	ng		100
51) 2,6-Dinitrotoluene	9.704	165	126997	44.12	ng		99
52) Acenaphthene	9.957	154	487810	39.24	ng		98
53) 3-Nitroaniline	9.875	138	151320	42.93	ng		99
54) 2,4-Dinitrophenol	9.981	184	59009	37.29	ng		95
55) Dibenzofuran	10.128	168	693521	39.52	ng		99
56) 4-Nitrophenol	10.028	139	108053	40.49	ng		97
57) 2,4-Dinitrotoluene	10.110	165	176514	45.07	ng		98
58) Fluorene	10.475	166	521316	39.37	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	154500	41.84	ng	#	98
60) Diethylphthalate	10.345	149	573978	39.80	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	281670	40.24	ng		98
62) 4-Nitroaniline	10.492	138	139496	41.16	ng		97
63) Azobenzene	10.628	77	612519	40.64	ng		99
65) 4,6-Dinitro-2-methylph...	10.522	198	93100	44.92	ng		95
66) n-Nitrosodiphenylamine	10.586	169	527087	40.70	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	181806	39.89	ng		99
68) Hexachlorobenzene	11.022	284	211176	40.02	ng		99
69) Atrazine	11.110	200	154583	39.38	ng		99
70) Pentachlorophenol	11.216	266	112456	37.11	ng		98
71) Phenanthrene	11.439	178	798219	39.92	ng		99
72) Anthracene	11.492	178	812167	40.21	ng		100
73) Carbazole	11.645	167	708926	39.63	ng		99
74) Di-n-butylphthalate	11.975	149	858583	41.41	ng		99
75) Fluoranthene	12.633	202	793565	38.42	ng		99
77) Benzidine	12.751	184	279680	36.81	ng		99
78) Pyrene	12.863	202	818988	44.89	ng		100
80) Butylbenzylphthalate	13.480	149	276998	46.75	ng		98
81) Benzo(a)anthracene	14.051	228	583301	40.73	ng		99
82) 3,3'-Dichlorobenzidine	14.016	252	173726	39.81	ng		99
83) Chrysene	14.086	228	555760	41.93	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	319245	44.70	ng		99
85) Di-n-octyl phthalate	14.651	149	496355	42.31	ng		100
87) Indeno(1,2,3-cd)pyrene	17.051	276	680809	47.76	ng		98
88) Benzo(b)fluoranthene	15.110	252	496749	37.17	ng		99
89) Benzo(k)fluoranthene	15.139	252	505130	40.85	ng		99
90) Benzo(a)pyrene	15.480	252	481121	41.52	ng	#	98
91) Dibenzo(a,h)anthracene	17.063	278	544260	47.47	ng		98
92) Benzo(g,h,i)perylene	17.504	276	547256	47.73	ng		99

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

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