Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121225\
Data File : BF144452.D
Acq On : 12 Dec 2025 15:28
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Dec 12 16:25:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 12 15:57:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	190052	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	767452	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	411966	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	673449	20.000	ng	0.00
76) Chrysene-d12	13.945	240	386587	20.000	ng	0.00
86) Perylene-d12	15.380	264	360724	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1083881	85.992	ng	0.00
7) Phenol-d6	6.416	99	1341529	85.329	ng	0.00
23) Nitrobenzene-d5	7.357	82	1172507	95.606	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	345821	92.849	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2182061	81.255	ng	0.00
79) Terphenyl-d14	12.898	244	2108711	86.118	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.493	88	255353	42.131	ng	100
3) Pyridine	3.222	79	709684	42.582	ng	100
4) n-Nitrosodimethylamine	3.169	42	307177	42.411	ng	100
6) Aniline	6.457	93	929292	42.373	ng	100
8) 2-Chlorophenol	6.575	128	600991	44.473	ng	100
9) Benzaldehyde	6.346	77	551751	44.829	ng	100
10) Phenol	6.428	94	795979	42.898	ng	100
11) bis(2-Chloroethyl)ether	6.534	93	573969	42.320	ng	100
12) 1,3-Dichlorobenzene	6.734	146	624958	42.804	ng	100
13) 1,4-Dichlorobenzene	6.816	146	620183	42.335	ng	100
14) 1,2-Dichlorobenzene	6.963	146	585839	42.110	ng	100
15) Benzyl Alcohol	6.934	79	502116	43.330	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.075	45	950677	41.535	ng	100
17) 2-Methylphenol	7.040	107	491554	43.152	ng	100
18) Hexachloroethane	7.310	117	226199	44.439	ng	100
19) n-Nitroso-di-n-propyla...	7.210	70	425840	42.880	ng	100
20) 3+4-Methylphenols	7.198	107	602850	43.072	ng	100
22) Acetophenone	7.204	105	781325	41.045	ng	100
24) Nitrobenzene	7.375	77	626186	47.067	ng	100
25) Isophorone	7.616	82	1153641	41.681	ng	100
26) 2-Nitrophenol	7.692	139	261493	45.519	ng	100
27) 2,4-Dimethylphenol	7.728	122	564671	42.758	ng	100
28) bis(2-Chloroethoxy)met...	7.828	93	703767	41.265	ng	100
29) 2,4-Dichlorophenol	7.928	162	487497	44.426	ng	100
30) 1,2,4-Trichlorobenzene	8.016	180	499054	41.932	ng	100
31) Naphthalene	8.098	128	1690417	40.926	ng	100
32) Benzoic acid	7.828	122	344385	43.984	ng	100
33) 4-Chloroaniline	8.145	127	683314	41.158	ng	100
34) Hexachlorobutadiene	8.222	225	308930	41.980	ng	100
35) Caprolactam	8.516	113	156875	43.293	ng	100
36) 4-Chloro-3-methylphenol	8.622	107	510910	42.890	ng	100
37) 2-Methylnaphthalene	8.792	142	1115836	41.060	ng	100
38) 1-Methylnaphthalene	8.887	142	1091954	41.265	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	485409	41.401	ng	100
41) Hexachlorocyclopentadiene	8.945	237	316499	45.612	ng	100
43) 2,4,6-Trichlorophenol	9.063	196	341830	45.911	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	351041	44.921	ng	100
46) 1,1'-Biphenyl	9.257	154	1328637	41.269	ng	100
47) 2-Chloronaphthalene	9.281	162	1017338	41.393	ng	100
48) 2-Nitroaniline	9.369	65	305849	43.735	ng	100
49) Acenaphthylene	9.692	152	1628714	41.827	ng	100
50) Dimethylphthalate	9.551	163	1169920	42.042	ng	100
51) 2,6-Dinitrotoluene	9.616	165	225749	44.573	ng	100
52) Acenaphthene	9.863	154	1018229	41.939	ng	100
53) 3-Nitroaniline	9.781	138	270269	43.620	ng	100
54) 2,4-Dinitrophenol	9.881	184	88210	44.314	ng	100
55) Dibenzofuran	10.034	168	1418528	41.063	ng	100
56) 4-Nitrophenol	9.928	139	218713	46.153	ng	100
57) 2,4-Dinitrotoluene	10.010	165	306755	44.360	ng	100
58) Fluorene	10.381	166	1065011	40.714	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	279332	47.089	ng	100
60) Diethylphthalate	10.257	149	1120008	42.467	ng	100
61) 4-Chlorophenyl-phenyle...	10.375	204	524766	40.888	ng	100
62) 4-Nitroaniline	10.392	138	265037	43.338	ng	100
63) Azobenzene	10.533	77	1158182	41.552	ng	100
65) 4,6-Dinitro-2-methylph...	10.422	198	133011	44.552	ng	100
66) n-Nitrosodiphenylamine	10.492	169	968011	41.944	ng	100
67) 4-Bromophenyl-phenylether	10.863	248	331720	42.193	ng	100
68) Hexachlorobenzene	10.922	284	362260	41.741	ng	100
69) Atrazine	11.016	200	311574	43.101	ng	100
70) Pentachlorophenol	11.110	266	223945	45.238	ng	100
71) Phenanthrene	11.339	178	1588125	40.905	ng	100
72) Anthracene	11.386	178	1616231	41.130	ng	100
73) Carbazole	11.539	167	1406525	41.231	ng	100
74) Di-n-butylphthalate	11.880	149	1576372	43.228	ng	100
75) Fluoranthene	12.522	202	1553400	40.518	ng	100
77) Benzidine	12.645	184	600306	43.610	ng	100
78) Pyrene	12.751	202	1566798	44.237	ng	100
80) Butylbenzylphthalate	13.374	149	487389	42.023	ng	100
81) Benzo(a)anthracene	13.933	228	1117370	41.044	ng	100
82) 3,3'-Dichlorobenzidine	13.898	252	332184	43.061	ng	100
83) Chrysene	13.974	228	1075980	43.186	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	567028	41.968	ng	100
85) Di-n-octyl phthalate	14.551	149	852676	41.605	ng	100
87) Indeno(1,2,3-cd)pyrene	16.798	276	1260621	48.688	ng	100
88) Benzo(b)fluoranthene	14.968	252	987066	41.682	ng	100
89) Benzo(k)fluoranthene	14.992	252	903266	40.339	ng	100
90) Benzo(a)pyrene	15.321	252	883775	42.696	ng	100
91) Dibenzo(a,h)anthracene	16.821	278	1022278	48.889	ng	100
92) Benzo(g,h,i)perylene	17.227	276	1027362	48.321	ng	100

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

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