Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121525\
Data File : BF144466.D
Acq On : 15 Dec 2025 11:13
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Dec 15 11:41:31 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	200298	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	793888	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	426838	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	684594	20.000	ng	0.00
76) Chrysene-d12	13.945	240	396863	20.000	ng	0.00
86) Perylene-d12	15.374	264	375851	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1047960	78.889	ng	0.00
7) Phenol-d6	6.416	99	1291031	77.916	ng	0.00
23) Nitrobenzene-d5	7.357	82	1138405	89.734	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	342445	88.739	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	2112924	75.939	ng	0.00
79) Terphenyl-d14	12.898	244	1985519	78.987	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.493	88	248569	38.914	ng	97
3) Pyridine	3.222	79	679707	38.697	ng	99
4) n-Nitrosodimethylamine	3.169	42	281347	36.857	ng	97
6) Aniline	6.457	93	889190	38.471	ng	99
8) 2-Chlorophenol	6.575	128	584038	41.008	ng	98
9) Benzaldehyde	6.346	77	526013	40.552	ng	99
10) Phenol	6.428	94	770224	39.386	ng	99
11) bis(2-Chloroethyl)ether	6.534	93	554141	38.768	ng	99
12) 1,3-Dichlorobenzene	6.734	146	607067	39.451	ng	99
13) 1,4-Dichlorobenzene	6.810	146	602533	39.026	ng	99
14) 1,2-Dichlorobenzene	6.963	146	575039	39.219	ng	99
15) Benzyl Alcohol	6.934	79	482171	39.481	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.075	45	890019	36.896	ng	100
17) 2-Methylphenol	7.040	107	473501	39.441	ng	99
18) Hexachloroethane	7.310	117	219159	40.854	ng	99
19) n-Nitroso-di-n-propyla...	7.210	70	399664	38.186	ng	98
20) 3+4-Methylphenols	7.198	107	583615	39.564	ng	99
22) Acetophenone	7.204	105	751168	38.147	ng	98
24) Nitrobenzene	7.375	77	601718	43.721	ng	99
25) Isophorone	7.616	82	1087866	37.996	ng	99
26) 2-Nitrophenol	7.692	139	264332	44.626	ng	98
27) 2,4-Dimethylphenol	7.728	122	545366	39.921	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	681087	38.605	ng	100
29) 2,4-Dichlorophenol	7.928	162	469787	41.387	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	479017	38.908	ng	98
31) Naphthalene	8.098	128	1662552	38.911	ng	100
32) Benzoic acid	7.822	122	342527	42.612	ng	99
33) 4-Chloroaniline	8.145	127	660225	38.443	ng	99
34) Hexachlorobutadiene	8.222	225	301535	39.611	ng	100
35) Caprolactam	8.516	113	146710	39.139	ng	94
36) 4-Chloro-3-methylphenol	8.622	107	494442	40.125	ng	99
37) 2-Methylnaphthalene	8.787	142	1074978	38.239	ng	99
38) 1-Methylnaphthalene	8.886	142	1062052	38.799	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	476223	39.203	ng	100
41) Hexachlorocyclopentadiene	8.945	237	307108	42.717	ng	100
43) 2,4,6-Trichlorophenol	9.063	196	332179	43.060	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	334897	41.362	ng		99
46) 1,1'-Biphenyl	9.251	154	1298859	38.938	ng		99
47) 2-Chloronaphthalene	9.275	162	989016	38.839	ng		99
48) 2-Nitroaniline	9.369	65	291395	40.508	ng		97
49) Acenaphthylene	9.686	152	1583553	39.250	ng		100
50) Dimethylphthalate	9.551	163	1123134	38.954	ng		100
51) 2,6-Dinitrotoluene	9.610	165	221455	42.410	ng		97
52) Acenaphthene	9.863	154	966418	38.418	ng		100
53) 3-Nitroaniline	9.781	138	259808	40.687	ng		99
54) 2,4-Dinitrophenol	9.881	184	86796	42.598	ng	#	73
55) Dibenzofuran	10.034	168	1376252	38.451	ng		99
56) 4-Nitrophenol	9.922	139	212249	43.228	ng		99
57) 2,4-Dinitrotoluene	10.010	165	301455	42.275	ng		96
58) Fluorene	10.375	166	1018059	37.563	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	269851	43.906	ng		98
60) Diethylphthalate	10.251	149	1061754	38.856	ng		100
61) 4-Chlorophenyl-phenyle...	10.369	204	510352	38.379	ng		99
62) 4-Nitroaniline	10.386	138	249334	39.581	ng		99
63) Azobenzene	10.528	77	1081406	37.445	ng		99
65) 4,6-Dinitro-2-methylph...	10.416	198	128026	42.649	ng		95
66) n-Nitrosodiphenylamine	10.486	169	920822	39.250	ng		100
67) 4-Bromophenyl-phenylether	10.857	248	319600	39.990	ng		98
68) Hexachlorobenzene	10.922	284	348155	39.462	ng		97
69) Atrazine	11.016	200	292661	39.826	ng		99
70) Pentachlorophenol	11.110	266	211965	42.121	ng		100
71) Phenanthrene	11.333	178	1523608	38.604	ng		100
72) Anthracene	11.386	178	1541412	38.588	ng		100
73) Carbazole	11.539	167	1322525	38.137	ng		100
74) Di-n-butylphthalate	11.875	149	1478323	39.880	ng		100
75) Fluoranthene	12.522	202	1456896	37.382	ng		99
77) Benzidine	12.639	184	532455	37.680	ng		99
78) Pyrene	12.745	202	1440198	39.609	ng		99
80) Butylbenzylphthalate	13.374	149	466530	39.403	ng		97
81) Benzo(a)anthracene	13.933	228	1072015	38.358	ng		100
82) 3,3'-Dichlorobenzidine	13.898	252	312058	39.405	ng		99
83) Chrysene	13.969	228	992064	38.787	ng		100
84) Bis(2-ethylhexyl)phtha...	13.933	149	557115	40.291	ng		100
85) Di-n-octyl phthalate	14.545	149	878446	41.730	ng		99
87) Indeno(1,2,3-cd)pyrene	16.792	276	1229591	45.578	ng		100
88) Benzo(b)fluoranthene	14.963	252	906159	36.725	ng		99
89) Benzo(k)fluoranthene	14.992	252	901344	38.633	ng		99
90) Benzo(a)pyrene	15.316	252	854742	39.631	ng		99
91) Dibenzo(a,h)anthracene	16.810	278	992758	45.566	ng		99
92) Benzo(g,h,i)perylene	17.221	276	1009856	45.586	ng		99

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

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