Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121225\
Data File : BF144448.D
Acq On : 12 Dec 2025 13:24
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Dec 12 16:21:32 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	6.798	152	184084	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	742765	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	401967	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	672163	20.000	ng	0.00
76) Chrysene-d12	13.945	240	413692	20.000	ng	0.00
86) Perylene-d12	15.380	264	357795	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1045928	85.671	ng	0.00
7) Phenol-d6	6.416	99	1301635	85.476	ng	0.00
23) Nitrobenzene-d5	7.357	82	1070078	90.154	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	326914	89.956	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2127369	81.189	ng	0.00
79) Terphenyl-d14	12.898	244	2202317	84.048	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.493	88	251126	42.777	ng	100
3) Pyridine	3.222	79	696489	43.145	ng	100
4) n-Nitrosodimethylamine	3.169	42	299889	42.747	ng	97
6) Aniline	6.457	93	901958	42.460	ng	99
8) 2-Chlorophenol	6.575	128	573771	43.835	ng	98
9) Benzaldehyde	6.345	77	662642	55.584	ng	100
10) Phenol	6.428	94	774513	43.094	ng	99
11) bis(2-Chloroethyl)ether	6.534	93	555668	42.299	ng	99
12) 1,3-Dichlorobenzene	6.734	146	608459	43.025	ng	100
13) 1,4-Dichlorobenzene	6.816	146	602828	42.484	ng	99
14) 1,2-Dichlorobenzene	6.963	146	577297	42.841	ng	100
15) Benzyl Alcohol	6.934	79	480741	42.831	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	948893	42.802	ng	99
17) 2-Methylphenol	7.040	107	476887	43.221	ng	100
18) Hexachloroethane	7.310	117	214784	43.565	ng	100
19) n-Nitroso-di-n-propyla...	7.210	70	415763	43.223	ng	99
20) 3+4-Methylphenols	7.198	107	580933	42.851	ng	99
22) Acetophenone	7.204	105	769607	41.773	ng	100
24) Nitrobenzene	7.375	77	576569	44.777	ng	99
25) Isophorone	7.616	82	1124195	41.967	ng	100
26) 2-Nitrophenol	7.692	139	203842	37.821	ng	98
27) 2,4-Dimethylphenol	7.728	122	542803	42.468	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	689289	41.759	ng	99
29) 2,4-Dichlorophenol	7.928	162	461935	43.496	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	482246	41.866	ng	98
31) Naphthalene	8.098	128	1664027	41.626	ng	100
32) Benzoic acid	7.828	122	284454	38.733	ng	99
33) 4-Chloroaniline	8.145	127	675985	42.069	ng	99
34) Hexachlorobutadiene	8.222	225	300051	42.129	ng	99
35) Caprolactam	8.516	113	150670	42.962	ng	97
36) 4-Chloro-3-methylphenol	8.622	107	495814	43.006	ng	100
37) 2-Methylnaphthalene	8.792	142	1102303	41.910	ng	100
38) 1-Methylnaphthalene	8.886	142	1060615	41.413	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	474335	41.463	ng	99
41) Hexachlorocyclopentadiene	8.945	237	284354	41.999	ng	100
43) 2,4,6-Trichlorophenol	9.063	196	321054	44.193	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	339080	44.470	ng	100
46) 1,1'-Biphenyl	9.257	154	1298680	41.342	ng	100
47) 2-Chloronaphthalene	9.281	162	1002858	41.819	ng	99
48) 2-Nitroaniline	9.369	65	269344	39.827	ng	98
49) Acenaphthylene	9.692	152	1611415	42.412	ng	99
50) Dimethylphthalate	9.551	163	1159904	42.719	ng	100
51) 2,6-Dinitrotoluene	9.610	165	189405	38.875	ng	90
52) Acenaphthene	9.863	154	994831	41.995	ng	100
53) 3-Nitroaniline	9.781	138	244755	40.700	ng	97
54) 2,4-Dinitrophenol	9.880	184	67142	36.700	ng	89
55) Dibenzofuran	10.033	168	1410043	41.833	ng	100
56) 4-Nitrophenol	9.928	139	195888	42.365	ng	97
57) 2,4-Dinitrotoluene	10.010	165	261395	39.234	ng	99
58) Fluorene	10.380	166	1051802	41.209	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	263535	45.531	ng	100
60) Diethylphthalate	10.257	149	1097923	42.665	ng	100
61) 4-Chlorophenyl-phenyle...	10.375	204	518185	41.379	ng	100
62) 4-Nitroaniline	10.392	138	247662	41.611	ng	97
63) Azobenzene	10.533	77	1152519	42.377	ng	100
65) 4,6-Dinitro-2-methylph...	10.416	198	100639	35.805	ng	85
66) n-Nitrosodiphenylamine	10.492	169	955940	41.500	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	329609	42.005	ng	100
68) Hexachlorobenzene	10.922	284	360574	41.626	ng	100
69) Atrazine	11.016	200	310975	43.101	ng	99
70) Pentachlorophenol	11.110	266	210207	42.544	ng	100
71) Phenanthrene	11.339	178	1609109	41.525	ng	100
72) Anthracene	11.386	178	1619703	41.298	ng	100
73) Carbazole	11.539	167	1416549	41.604	ng	99
74) Di-n-butylphthalate	11.880	149	1597612	43.895	ng	100
75) Fluoranthene	12.522	202	1609859	42.071	ng	100
77) Benzidine	12.645	184	733725	49.810	ng	99
78) Pyrene	12.751	202	1614186	42.589	ng	100
80) Butylbenzylphthalate	13.374	149	516696	41.661	ng	100
81) Benzo(a)anthracene	13.933	228	1201275	41.234	ng	100
82) 3,3'-Dichlorobenzidine	13.898	252	352002	42.640	ng	99
83) Chrysene	13.974	228	1159287	43.481	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	607543	42.017	ng	99
85) Di-n-octyl phthalate	14.545	149	879400	40.333	ng	100
87) Indeno(1,2,3-cd)pyrene	16.798	276	1169675	45.545	ng	99
88) Benzo(b)fluoranthene	14.963	252	1045688	44.519	ng	99
89) Benzo(k)fluoranthene	14.992	252	918312	41.347	ng	100
90) Benzo(a)pyrene	15.321	252	889336	43.316	ng	100
91) Dibenzo(a,h)anthracene	16.815	278	947606	45.688	ng	98
92) Benzo(g,h,i)perylene	17.221	276	956822	45.372	ng	99

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

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