Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121225\
Data File : BF144446.D
Acq On : 12 Dec 2025 12:25
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Dec 12 16:19:48 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	204075	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	809099	20.000	ng		0.00
39) Acenaphthene-d10	9.828	164	447944	20.000	ng		0.00
64) Phenanthrene-d10	11.310	188	771660	20.000	ng		0.00
76) Chrysene-d12	13.945	240	544488	20.000	ng		0.00
86) Perylene-d12	15.374	264	389526	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	280214	20.704	ng		0.00
7) Phenol-d6	6.404	99	350524	20.763	ng		-0.01
23) Nitrobenzene-d5	7.351	82	220540	17.057	ng		0.00
42) 2,4,6-Tribromophenol	10.610	330	72973	18.019	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	672407	23.028	ng		0.00
79) Terphenyl-d14	12.892	244	718848	20.844	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.487	88	66162	10.166	ng		99
3) Pyridine	3.222	79	174761	9.765	ng		97
4) n-Nitrosodimethylamine	3.152	42	76545	9.842	ng		94
6) Aniline	6.451	93	242732	10.307	ng		98
8) 2-Chlorophenol	6.569	128	141137	9.726	ng		97
9) Benzaldehyde	6.340	77	113771	8.609	ng		100
10) Phenol	6.422	94	206988	10.389	ng		95
11) bis(2-Chloroethyl)ether	6.528	93	151593	10.409	ng		99
12) 1,3-Dichlorobenzene	6.734	146	162731	10.380	ng		99
13) 1,4-Dichlorobenzene	6.810	146	165569	10.525	ng		98
14) 1,2-Dichlorobenzene	6.963	146	155447	10.406	ng		99
15) Benzyl Alcohol	6.928	79	120113	9.653	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	260949	10.618	ng		98
17) 2-Methylphenol	7.034	107	124081	10.144	ng		99
18) Hexachloroethane	7.310	117	53627	9.812	ng		99
19) n-Nitroso-di-n-propyla...	7.198	70	109967	10.312	ng		97
20) 3+4-Methylphenols	7.187	107	158844	10.569	ng	#	85
22) Acetophenone	7.198	105	218120	10.869	ng		98
24) Nitrobenzene	7.369	77	125385	8.939	ng		97
25) Isophorone	7.610	82	300696	10.305	ng		100
26) 2-Nitrophenol	7.687	139	32339	8.986	ng		99
27) 2,4-Dimethylphenol	7.722	122	142409	10.228	ng		98
28) bis(2-Chloroethoxy)met...	7.822	93	192282	10.694	ng		99
29) 2,4-Dichlorophenol	7.922	162	112972	9.765	ng		99
30) 1,2,4-Trichlorobenzene	8.016	180	132194	10.536	ng		98
31) Naphthalene	8.098	128	475029	10.909	ng		99
32) Benzoic acid	7.781	122	36838	10.467	ng		99
33) 4-Chloroaniline	8.140	127	186055	10.630	ng		99
34) Hexachlorobutadiene	8.216	225	81311	10.480	ng		98
35) Caprolactam	8.475	113	32487	8.504	ng		90
36) 4-Chloro-3-methylphenol	8.610	107	126679	10.087	ng		98
37) 2-Methylnaphthalene	8.787	142	316527	11.048	ng		100
38) 1-Methylnaphthalene	8.887	142	307370	11.018	ng		99
40) 1,2,4,5-Tetrachloroben...	8.951	216	137660	10.798	ng		99
41) Hexachlorocyclopentadiene	8.939	237	60419	8.008	ng		99
43) 2,4,6-Trichlorophenol	9.057	196	73332	9.058	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.092	196	82554	9.716	ng		100
46)	1,1'-Biphenyl	9.251	154	382611	10.930	ng		99
47)	2-Chloronaphthalene	9.275	162	286363	10.716	ng		98
48)	2-Nitroaniline	9.363	65	44535	9.003	ng		98
49)	Acenaphthylene	9.686	152	451978	10.675	ng		99
50)	Dimethylphthalate	9.545	163	316331	10.455	ng		99
51)	2,6-Dinitrotoluene	9.604	165	30656	8.987	ng	#	84
52)	Acenaphthene	9.857	154	285063	10.798	ng		98
53)	3-Nitroaniline	9.769	138	45781	9.333	ng	#	88
54)	2,4-Dinitrophenol	9.875	184	9003	10.650	ng	#	1
55)	Dibenzofuran	10.034	168	409258	10.896	ng		97
56)	4-Nitrophenol	9.916	139	36440	7.072	ng		93
57)	2,4-Dinitrotoluene	10.004	165	41737	8.952	ng		94
58)	Fluorene	10.375	166	319677	11.239	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.145	232	58131	9.013	ng		99
60)	Diethylphthalate	10.245	149	302641	10.554	ng		99
61)	4-Chlorophenyl-phenyle...	10.369	204	154923	11.101	ng		99
62)	4-Nitroaniline	10.375	138	48465	9.379	ng		91
63)	Azobenzene	10.528	77	324025	10.691	ng		99
65)	4,6-Dinitro-2-methylph...	10.410	198	14368	10.559	ng		83
66)	n-Nitrosodiphenylamine	10.481	169	281278	10.637	ng		99
67)	4-Bromophenyl-phenylether	10.857	248	92609	10.280	ng		98
68)	Hexachlorobenzene	10.916	284	101418	10.198	ng		97
69)	Atrazine	11.010	200	80858	9.762	ng		100
70)	Pentachlorophenol	11.110	266	43512	7.671	ng		98
71)	Phenanthrene	11.333	178	486737	10.941	ng		99
72)	Anthracene	11.380	178	488198	10.843	ng		98
73)	Carbazole	11.533	167	424603	10.863	ng		98
74)	Di-n-butylphthalate	11.875	149	420031	10.052	ng		99
75)	Fluoranthene	12.516	202	480470	10.937	ng		99
77)	Benzidine	12.645	184	212223	10.946	ng		99
78)	Pyrene	12.745	202	498564	9.994	ng		100
80)	Butylbenzylphthalate	13.374	149	104094	9.136	ng		100
81)	Benzo(a)anthracene	13.933	228	398915	10.404	ng		99
82)	3,3'-Dichlorobenzidine	13.898	252	98716	9.086	ng		99
83)	Chrysene	13.969	228	358540	10.217	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.933	149	131918	9.358	ng		98
85)	Di-n-octyl phthalate	14.545	149	140173	10.599	ng		96
87)	Indeno(1,2,3-cd)pyrene	16.786	276	237142	8.482	ng		99
88)	Benzo(b)fluoranthene	14.963	252	271126	10.603	ng		99
89)	Benzo(k)fluoranthene	14.986	252	261653	10.821	ng		100
90)	Benzo(a)pyrene	15.316	252	223278	9.989	ng		100
91)	Dibenzo(a,h)anthracene	16.810	278	190620	8.442	ng		98
92)	Benzo(g,h,i)perylene	17.210	276	195568	8.518	ng		100

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

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