Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112525\
Data File : BF144348.D
Acq On : 25 Nov 2025 13:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Nov 25 17:02:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	48785	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	180679	20.000	ng		-0.01
39) Acenaphthene-d10	9.898	164	87905	20.000	ng		-0.02
64) Phenanthrene-d10	11.392	188	143543	20.000	ng		-0.01
76) Chrysene-d12	14.039	240	127780	20.000	ng		-0.01
86) Perylene-d12	15.521	264	177416	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	281560	90.316	ng		-0.01
7) Phenol-d6	6.498	99	297540	84.232	ng		0.00
23) Nitrobenzene-d5	7.428	82	250057	79.932	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	78596	71.250	ng		-0.01
45) 2-Fluorobiphenyl	9.222	172	492993	82.830	ng		0.00
79) Terphenyl-d14	12.980	244	508325	63.189	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.575	88	61148	47.443	ng		97
3) Pyridine	3.346	79	160175	44.545	ng		97
4) n-Nitrosodimethylamine	3.293	42	73077	38.907	ng		83
6) Aniline	6.528	93	211230	41.971	ng		99
8) 2-Chlorophenol	6.651	128	130204	42.588	ng		97
9) Benzaldehyde	6.416	77	90360	45.301	ng		99
10) Phenol	6.510	94	185200	42.912	ng		98
11) bis(2-Chloroethyl)ether	6.598	93	134958	42.915	ng		99
12) 1,3-Dichlorobenzene	6.804	146	163024	43.213	ng		95
13) 1,4-Dichlorobenzene	6.881	146	162274	42.935	ng		99
14) 1,2-Dichlorobenzene	7.034	146	154375	42.614	ng		99
15) Benzyl Alcohol	7.004	79	108397	38.754	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	248454	42.902	ng		98
17) 2-Methylphenol	7.116	107	97760	40.194	ng		97
18) Hexachloroethane	7.375	117	53402	42.528	ng		98
19) n-Nitroso-di-n-propyla...	7.269	70	83517	35.915	ng		97
20) 3+4-Methylphenols	7.269	107	115699	40.354	ng		98
22) Acetophenone	7.269	105	151990	39.213	ng		98
24) Nitrobenzene	7.445	77	136310	40.130	ng		96
25) Isophorone	7.681	82	222358	37.577	ng		99
26) 2-Nitrophenol	7.763	139	69960	41.608	ng	#	94
27) 2,4-Dimethylphenol	7.798	122	104225	41.356	ng		97
28) bis(2-Chloroethoxy)met...	7.892	93	146761	39.717	ng		98
29) 2,4-Dichlorophenol	8.004	162	114543	39.434	ng		99
30) 1,2,4-Trichlorobenzene	8.087	180	118733	39.808	ng		96
31) Naphthalene	8.169	128	347035	40.378	ng		100
32) Benzoic acid	7.904	122	59676	32.304	ng		94
33) 4-Chloroaniline	8.216	127	121635	38.804	ng		99
34) Hexachlorobutadiene	8.281	225	84211	37.463	ng		98
35) Caprolactam	8.581	113	27994	35.178	ng		95
36) 4-Chloro-3-methylphenol	8.698	107	96354	37.014	ng		98
37) 2-Methylnaphthalene	8.857	142	219317	38.166	ng		99
38) 1-Methylnaphthalene	8.957	142	209225	37.735	ng		99
40) 1,2,4,5-Tetrachloroben...	9.022	216	120482	41.821	ng		99
41) Hexachlorocyclopentadiene	9.010	237	29442	34.982	ng		97
43) 2,4,6-Trichlorophenol	9.139	196	79905	40.751	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	84192	39.839	ng		97
46) 1,1'-Biphenyl	9.322	154	258035	42.052	ng		100
47) 2-Chloronaphthalene	9.345	162	215916	41.252	ng		100
48) 2-Nitroaniline	9.445	65	59174	39.182	ng		92
49) Acenaphthylene	9.763	152	291788	40.909	ng		99
50) Dimethylphthalate	9.616	163	227472	39.061	ng		99
51) 2,6-Dinitrotoluene	9.686	165	46367	39.332	ng		92
52) Acenaphthene	9.933	154	181131	37.975	ng		98
53) 3-Nitroaniline	9.857	138	53390	41.430	ng		95
54) 2,4-Dinitrophenol	9.969	184	29207	41.029	ng		96
55) Dibenzofuran	10.104	168	267748	40.081	ng		98
56) 4-Nitrophenol	10.028	139	34731	37.257	ng		89
57) 2,4-Dinitrotoluene	10.092	165	62505	39.606	ng		99
58) Fluorene	10.451	166	205016	40.365	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.228	232	56966	38.100	ng	#	99
60) Diethylphthalate	10.316	149	202846	37.785	ng		99
61) 4-Chlorophenyl-phenyle...	10.439	204	109198	37.744	ng		99
62) 4-Nitroaniline	10.469	138	50500	41.149	ng		90
63) Azobenzene	10.604	77	196232	39.276	ng		95
65) 4,6-Dinitro-2-methylph...	10.504	198	34414	35.291	ng		95
66) n-Nitrosodiphenylamine	10.557	169	192100	41.610	ng		100
67) 4-Bromophenyl-phenylether	10.933	248	69080	37.703	ng		99
68) Hexachlorobenzene	10.998	284	81924	37.962	ng		97
69) Atrazine	11.086	200	55047	37.492	ng		99
70) Pentachlorophenol	11.198	266	44019	40.962	ng		97
71) Phenanthrene	11.416	178	294154	41.159	ng		99
72) Anthracene	11.469	178	299727	41.244	ng		99
73) Carbazole	11.627	167	262073	42.410	ng		99
74) Di-n-butylphthalate	11.951	149	307696	41.189	ng		98
75) Fluoranthene	12.610	202	325934	44.149	ng		98
77) Benzidine	12.733	184	183154	48.458	ng		99
78) Pyrene	12.839	202	344234	33.412	ng		99
80) Butylbenzylphthalate	13.451	149	133343	37.342	ng		99
81) Benzo(a)anthracene	14.033	228	368996	41.666	ng		100
82) 3,3'-Dichlorobenzidine	13.992	252	132266	43.571	ng		97
83) Chrysene	14.069	228	325491	39.814	ng		98
84) Bis(2-ethylhexyl)phtha...	14.010	149	196685	40.236	ng		98
85) Di-n-octyl phthalate	14.627	149	373902	44.334	ng		100
87) Indeno(1,2,3-cd)pyrene	17.027	276	491163	38.566	ng		96
88) Benzo(b)fluoranthene	15.086	252	432116	42.841	ng		100
89) Benzo(k)fluoranthene	15.115	252	346217	36.672	ng		99
90) Benzo(a)pyrene	15.457	252	375868	40.393	ng		97
91) Dibenzo(a,h)anthracene	17.039	278	392362	38.361	ng		99
92) Benzo(g,h,i)perylene	17.480	276	393304	38.940	ng		97

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

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