Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143347.D
Acq On : 12 Aug 2025 11:06
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Aug 12 13:19:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:02:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	167361	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	655032	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	345532	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	517467	20.000	ng	0.00
76) Chrysene-d12	14.092	240	290137	20.000	ng	0.00
86) Perylene-d12	15.580	264	328158	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	789566	81.582	ng	0.00
7) Phenol-d6	6.563	99	1004217	80.913	ng	0.00
23) Nitrobenzene-d5	7.492	82	879802	83.642	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	220484	87.313	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1565121	76.811	ng	0.00
79) Terphenyl-d14	13.033	244	1263446	77.745	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.763	88	199574	39.850	ng	100
3) Pyridine	3.534	79	540627	40.510	ng	100
4) n-Nitrosodimethylamine	3.475	42	253901	40.843	ng	100
6) Aniline	6.593	93	709158	40.530	ng	100
8) 2-Chlorophenol	6.716	128	421515	40.760	ng	100
9) Benzaldehyde	6.481	77	338386	41.251	ng	100
10) Phenol	6.575	94	596665	40.582	ng	100
11) bis(2-Chloroethyl)ether	6.663	93	437082	40.336	ng	100
12) 1,3-Dichlorobenzene	6.875	146	479321	40.184	ng	100
13) 1,4-Dichlorobenzene	6.951	146	473345	39.538	ng	100
14) 1,2-Dichlorobenzene	7.104	146	451017	39.687	ng	100
15) Benzyl Alcohol	7.069	79	364330	40.952	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.198	45	775460	40.085	ng	100
17) 2-Methylphenol	7.181	107	355981	40.780	ng	100
18) Hexachloroethane	7.445	117	154773	41.236	ng	100
19) n-Nitroso-di-n-propyla...	7.340	70	304543	39.712	ng	100
20) 3+4-Methylphenols	7.334	107	431056	40.831	ng	100
22) Acetophenone	7.334	105	562380	38.966	ng	100
24) Nitrobenzene	7.510	77	469916	41.135	ng	100
25) Isophorone	7.751	82	845188	39.360	ng	100
26) 2-Nitrophenol	7.828	139	165661	37.083	ng	100
27) 2,4-Dimethylphenol	7.863	122	365692	40.820	ng	100
28) bis(2-Chloroethoxy)met...	7.957	93	518389	39.540	ng	100
29) 2,4-Dichlorophenol	8.069	162	360583	41.210	ng	100
30) 1,2,4-Trichlorobenzene	8.151	180	363439	39.377	ng	100
31) Naphthalene	8.234	128	1237121	39.250	ng	100
32) Benzoic acid	7.969	122	141523	39.021	ng	100
33) 4-Chloroaniline	8.281	127	452276	39.784	ng	100
34) Hexachlorobutadiene	8.357	225	229101	39.902	ng	100
35) Caprolactam	8.645	113	103025	41.884	ng	100
36) 4-Chloro-3-methylphenol	8.757	107	375017	40.883	ng	100
37) 2-Methylnaphthalene	8.928	142	814304	39.298	ng	100
38) 1-Methylnaphthalene	9.022	142	779823	39.075	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	374807	39.640	ng	100
41) Hexachlorocyclopentadiene	9.081	237	115551	38.401	ng	100
43) 2,4,6-Trichlorophenol	9.204	196	230730	43.008	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	260681	43.029	ng	100
46) 1,1'-Biphenyl	9.386	154	959774	39.285	ng	100
47) 2-Chloronaphthalene	9.416	162	756597	39.322	ng	100
48) 2-Nitroaniline	9.504	65	213717	39.058	ng	100
49) Acenaphthylene	9.828	152	1097291	39.490	ng	100
50) Dimethylphthalate	9.681	163	815627	40.398	ng	100
51) 2,6-Dinitrotoluene	9.745	165	147260	39.128	ng	100
52) Acenaphthene	9.998	154	728691	39.446	ng	100
53) 3-Nitroaniline	9.916	138	180447	43.642	ng	100
54) 2,4-Dinitrophenol	10.022	184	45578	39.434	ng	100
55) Dibenzofuran	10.175	168	1043986	39.267	ng	100
56) 4-Nitrophenol	10.075	139	119387	39.132	ng	100
57) 2,4-Dinitrotoluene	10.145	165	199781	39.946	ng	100
58) Fluorene	10.516	166	789149	38.860	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	176166	43.137	ng	100
60) Diethylphthalate	10.381	149	746813	41.295	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	389122	39.656	ng	100
62) 4-Nitroaniline	10.528	138	171799	42.946	ng	100
63) Azobenzene	10.663	77	824319	39.906	ng	100
65) 4,6-Dinitro-2-methylph...	10.557	198	73478	37.049	ng	100
66) n-Nitrosodiphenylamine	10.622	169	678152	39.800	ng	100
67) 4-Bromophenyl-phenylether	10.992	248	239456	40.461	ng	100
68) Hexachlorobenzene	11.069	284	252547	39.589	ng	100
69) Atrazine	11.145	200	184584	41.534	ng	100
70) Pentachlorophenol	11.263	266	111946	39.119	ng	100
71) Phenanthrene	11.475	178	1118795	39.627	ng	100
72) Anthracene	11.528	178	1126030	39.327	ng	100
73) Carbazole	11.680	167	966534	39.637	ng	100
74) Di-n-butylphthalate	12.010	149	894432	43.346	ng	100
75) Fluoranthene	12.663	202	949305	38.386	ng	100
77) Benzidine	12.780	184	343155	43.261	ng	100
78) Pyrene	12.892	202	963681	39.593	ng	100
80) Butylbenzylphthalate	13.504	149	175897	37.368	ng	100
81) Benzo(a)anthracene	14.080	228	730158	39.595	ng	100
82) 3,3'-Dichlorobenzidine	14.039	252	211236	42.421	ng	100
83) Chrysene	14.116	228	681835	39.653	ng	100
84) Bis(2-ethylhexyl)phtha...	14.063	149	256146	37.186	ng	100
85) Di-n-octyl phthalate	14.674	149	515170	38.008	ng	100
87) Indeno(1,2,3-cd)pyrene	17.104	276	950872	40.445	ng	100
88) Benzo(b)fluoranthene	15.145	252	733725	40.879	ng	100
89) Benzo(k)fluoranthene	15.168	252	679660	38.970	ng	100
90) Benzo(a)pyrene	15.515	252	678288	40.124	ng	100
91) Dibenzo(a,h)anthracene	17.115	278	767630	40.870	ng	100
92) Benzo(g,h,i)perylene	17.562	276	767224	40.549	ng	100

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

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