Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143221.D
Acq On : 23 Jul 2025 19:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Jul 24 01:20:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	121585	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	458358	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	235193	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	388311	20.000	ng		0.00
76) Chrysene-d12	14.121	240	239918	20.000	ng		0.00
86) Perylene-d12	15.621	264	260552	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.593	112	575731	74.933	ng		0.00
7) Phenol-d6	6.587	99	721856	74.643	ng		0.00
23) Nitrobenzene-d5	7.522	82	746822	81.218	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	192118	79.071	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1352359	78.638	ng		0.00
79) Terphenyl-d14	13.069	244	1209203	75.002	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.799	88	134316	36.945	ng		99
3) Pyridine	3.575	79	348536	36.936	ng		99
4) n-Nitrosodimethylamine	3.516	42	184177	37.804	ng		99
6) Aniline	6.622	93	492671	36.553	ng		98
8) 2-Chlorophenol	6.751	128	308145	38.262	ng		98
9) Benzaldehyde	6.510	77	253502	34.958	ng		98
10) Phenol	6.604	94	409863	38.903	ng		96
11) bis(2-Chloroethyl)ether	6.692	93	302736	37.530	ng		99
12) 1,3-Dichlorobenzene	6.904	146	334843	38.273	ng		100
13) 1,4-Dichlorobenzene	6.981	146	342417	38.864	ng		100
14) 1,2-Dichlorobenzene	7.134	146	322055	38.432	ng		100
15) Benzyl Alcohol	7.098	79	285034	38.601	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	565509	37.792	ng		100
17) 2-Methylphenol	7.210	107	260645	38.491	ng		99
18) Hexachloroethane	7.481	117	122749	40.244	ng		98
19) n-Nitroso-di-n-propyla...	7.369	70	229690	37.020	ng		99
20) 3+4-Methylphenols	7.363	107	314738	38.309	ng	#	77
22) Acetophenone	7.369	105	414569	38.203	ng	#	99
24) Nitrobenzene	7.539	77	341419	39.826	ng		99
25) Isophorone	7.781	82	625867	38.556	ng		98
26) 2-Nitrophenol	7.857	139	168496	45.287	ng		99
27) 2,4-Dimethylphenol	7.892	122	294696	38.857	ng		100
28) bis(2-Chloroethoxy)met...	7.986	93	375135	38.544	ng		99
29) 2,4-Dichlorophenol	8.098	162	254354	39.769	ng		100
30) 1,2,4-Trichlorobenzene	8.186	180	272980	39.506	ng		100
31) Naphthalene	8.269	128	888648	39.367	ng		99
32) Benzoic acid	7.992	122	179361	42.633	ng		99
33) 4-Chloroaniline	8.310	127	347284	37.678	ng		99
34) Hexachlorobutadiene	8.386	225	169752	40.216	ng		99
35) Caprolactam	8.669	113	79704	41.239	ng		99
36) 4-Chloro-3-methylphenol	8.786	107	273054	39.279	ng		98
37) 2-Methylnaphthalene	8.957	142	535718	39.000	ng		100
38) 1-Methylnaphthalene	9.057	142	558905	39.512	ng		100
40) 1,2,4,5-Tetrachloroben...	9.122	216	271052	39.918	ng		100
41) Hexachlorocyclopentadiene	9.116	237	186455	42.201	ng		98
43) 2,4,6-Trichlorophenol	9.233	196	185114	39.390	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	192146	40.875	ng		98
46) 1,1'-Biphenyl	9.422	154	732610	39.925	ng		100
47) 2-Chloronaphthalene	9.445	162	537315	39.574	ng		100
48) 2-Nitroaniline	9.533	65	181690	42.672	ng		99
49) Acenaphthylene	9.863	152	890386	39.131	ng		100
50) Dimethylphthalate	9.716	163	617764	40.296	ng		99
51) 2,6-Dinitrotoluene	9.775	165	135289	43.380	ng		97
52) Acenaphthene	10.033	154	539986	40.152	ng		99
53) 3-Nitroaniline	9.945	138	147684	40.486	ng		96
54) 2,4-Dinitrophenol	10.045	184	63769	48.021	ng	#	52
55) Dibenzofuran	10.204	168	781320	39.131	ng		99
56) 4-Nitrophenol	10.092	139	111895	41.078	ng		98
57) 2,4-Dinitrotoluene	10.175	165	177032	45.245	ng		95
58) Fluorene	10.545	166	590047	39.375	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	145668	37.408	ng		99
60) Diethylphthalate	10.416	149	611236	40.338	ng		99
61) 4-Chlorophenyl-phenyle...	10.539	204	296476	39.732	ng		99
62) 4-Nitroaniline	10.551	138	130501	41.742	ng		99
63) Azobenzene	10.698	77	623709	39.494	ng		99
65) 4,6-Dinitro-2-methylph...	10.586	198	91197	45.161	ng		97
66) n-Nitrosodiphenylamine	10.651	169	521954	38.172	ng		100
67) 4-Bromophenyl-phenylether	11.027	248	179887	38.872	ng		99
68) Hexachlorobenzene	11.098	284	188132	38.896	ng		99
69) Atrazine	11.175	200	160879	42.677	ng		99
70) Pentachlorophenol	11.286	266	115781	40.704	ng		98
71) Phenanthrene	11.510	178	805603	39.073	ng		100
72) Anthracene	11.563	178	810907	38.563	ng		99
73) Carbazole	11.710	167	721548	39.296	ng		100
74) Di-n-butylphthalate	12.039	149	896871	43.168	ng		100
75) Fluoranthene	12.698	202	766728	40.515	ng		99
77) Benzidine	12.810	184	375180	40.589	ng		99
78) Pyrene	12.927	202	770682	37.639	ng		99
80) Butylbenzylphthalate	13.539	149	310396	49.505	ng		97
81) Benzo(a)anthracene	14.110	228	639877	39.837	ng		99
82) 3,3'-Dichlorobenzidine	14.068	252	212028	39.606	ng		99
83) Chrysene	14.151	228	543320	37.622	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	424006	44.678	ng		99
85) Di-n-octyl phthalate	14.710	149	701660	40.789	ng		98
87) Indeno(1,2,3-cd)pyrene	17.168	276	728424	39.648	ng		98
88) Benzo(b)fluoranthene	15.180	252	664764	41.763	ng		100
89) Benzo(k)fluoranthene	15.210	252	520903	36.673	ng		100
90) Benzo(a)pyrene	15.562	252	579199	39.494	ng		100
91) Dibenzo(a,h)anthracene	17.186	278	596645	39.899	ng		98
92) Benzo(g,h,i)perylene	17.633	276	585525	40.478	ng		98

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

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