Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012325\
Data File : BF141244.D
Acq On : 23 Jan 2025 12:31
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jan 23 12:54:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	183805	20.000	ng		-0.02
21) Naphthalene-d8	8.093	136	716392	20.000	ng		-0.01
39) Acenaphthene-d10	9.845	164	400774	20.000	ng		-0.02
64) Phenanthrene-d10	11.333	188	695292	20.000	ng		-0.01
76) Chrysene-d12	13.986	240	462186	20.000	ng		0.00
86) Perylene-d12	15.463	264	394302	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	894811	75.205	ng		-0.02
7) Phenol-d6	6.440	99	1158635	76.875	ng		0.00
23) Nitrobenzene-d5	7.375	82	1054418	78.020	ng		-0.01
42) 2,4,6-Tribromophenol	10.639	330	399721	87.532	ng		-0.01
45) 2-Fluorobiphenyl	9.169	172	1977436	75.345	ng		-0.01
79) Terphenyl-d14	12.922	244	2278882	73.285	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.505	88	193458	36.512	ng		97
3) Pyridine	3.240	79	483223	37.190	ng		96
4) n-Nitrosodimethylamine	3.193	42	230118	36.221	ng		96
6) Aniline	6.469	93	495297	37.014	ng	#	91
8) 2-Chlorophenol	6.593	128	496491	38.893	ng		97
9) Benzaldehyde	6.357	77	353790	39.856	ng		97
10) Phenol	6.451	94	615679	38.161	ng		94
11) bis(2-Chloroethyl)ether	6.546	93	466665	38.812	ng		97
12) 1,3-Dichlorobenzene	6.746	146	547173	38.432	ng		99
13) 1,4-Dichlorobenzene	6.822	146	561696	39.150	ng		99
14) 1,2-Dichlorobenzene	6.981	146	510881	38.174	ng		99
15) Benzyl Alcohol	6.951	79	427105	39.240	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.087	45	599868	35.753	ng		96
17) 2-Methylphenol	7.063	107	406245	39.418	ng		100
18) Hexachloroethane	7.322	117	202597	39.049	ng		96
19) n-Nitroso-di-n-propyla...	7.222	70	342079	38.530	ng		97
20) 3+4-Methylphenols	7.216	107	499321	38.403	ng	#	83
22) Acetophenone	7.216	105	653514	38.373	ng	#	95
24) Nitrobenzene	7.393	77	543794	38.608	ng		98
25) Isophorone	7.628	82	916142	39.667	ng		99
26) 2-Nitrophenol	7.704	139	271792	42.420	ng		99
27) 2,4-Dimethylphenol	7.740	122	312235	36.129	ng		98
28) bis(2-Chloroethoxy)met...	7.840	93	574122	39.609	ng		99
29) 2,4-Dichlorophenol	7.945	162	421515	41.067	ng		99
30) 1,2,4-Trichlorobenzene	8.034	180	466566	39.768	ng		99
31) Naphthalene	8.110	128	1481507	39.215	ng		100
32) Benzoic acid	7.863	122	363762m	43.878	ng		
33) 4-Chloroaniline	8.163	127	498530	38.156	ng		99
34) Hexachlorobutadiene	8.228	225	282366	39.942	ng		99
35) Caprolactam	8.540	113	142946m	42.538	ng		
36) 4-Chloro-3-methylphenol	8.645	107	469677	41.841	ng		99
37) 2-Methylnaphthalene	8.804	142	961254	39.928	ng		100
38) 1-Methylnaphthalene	8.904	142	943657	39.773	ng		100
40) 1,2,4,5-Tetrachloroben...	8.969	216	448134	38.958	ng		99
41) Hexachlorocyclopentadiene	8.957	237	154474	41.047	ng		99
43) 2,4,6-Trichlorophenol	9.081	196	306185	39.467	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	334526	40.829	ng	99
46) 1,1'-Biphenyl	9.269	154	1186659	38.127	ng	100
47) 2-Chloronaphthalene	9.292	162	926547	38.221	ng	100
48) 2-Nitroaniline	9.387	65	285771	39.767	ng	98
49) Acenaphthylene	9.710	152	1332949	38.486	ng	100
50) Dimethylphthalate	9.575	163	1069100	39.735	ng	99
51) 2,6-Dinitrotoluene	9.634	165	258326	41.287	ng	99
52) Acenaphthene	9.881	154	946876	39.132	ng	99
53) 3-Nitroaniline	9.804	138	258542	40.663	ng	98
54) 2,4-Dinitrophenol	9.910	184	136435	45.876	ng	96
55) Dibenzofuran	10.057	168	1284535	39.028	ng	100
56) 4-Nitrophenol	9.957	139	207612	41.693	ng	98
57) 2,4-Dinitrotoluene	10.039	165	343555	42.607	ng	98
58) Fluorene	10.398	166	996577	38.974	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	280042	41.119	ng	99
60) Diethylphthalate	10.275	149	1051540	40.033	ng	99
61) 4-Chlorophenyl-phenyle...	10.392	204	501012	40.201	ng	100
62) 4-Nitroaniline	10.416	138	268391	43.128	ng	98
63) Azobenzene	10.551	77	1005506	38.796	ng	99
65) 4,6-Dinitro-2-methylph...	10.445	198	191475	47.524	ng	98
66) n-Nitrosodiphenylamine	10.510	169	876922	39.102	ng	99
67) 4-Bromophenyl-phenylether	10.881	248	330762	41.320	ng	98
68) Hexachlorobenzene	10.945	284	371767	41.720	ng	99
69) Atrazine	11.034	200	232193	38.452	ng	99
70) Pentachlorophenol	11.139	266	245673	43.051	ng	99
71) Phenanthrene	11.363	178	1462383	39.177	ng	100
72) Anthracene	11.410	178	1453920	40.057	ng	100
73) Carbazole	11.569	167	1361328	40.904	ng	100
74) Di-n-butylphthalate	11.898	149	1618420	42.492	ng	100
75) Fluoranthene	12.551	202	1566710	42.060	ng	99
77) Benzidine	12.669	184	377232	44.013	ng	100
78) Pyrene	12.780	202	1579452	35.779	ng	100
80) Butylbenzylphthalate	13.398	149	626258	42.550	ng	100
81) Benzo(a)anthracene	13.974	228	1160210	36.885	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	371865	37.128	ng	99
83) Chrysene	14.010	228	1098042	37.308	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	811952	45.978	ng	99
85) Di-n-octyl phthalate	14.604	149	1237661	46.411	ng	98
87) Indeno(1,2,3-cd)pyrene	16.921	276	1027482	35.568	ng	98
88) Benzo(b)fluoranthene	15.039	252	998583	39.274	ng	99
89) Benzo(k)fluoranthene	15.069	252	918554	42.749	ng	99
90) Benzo(a)pyrene	15.398	252	833970	39.755	ng	99
91) Dibenzo(a,h)anthracene	16.939	278	829092	35.485	ng	98
92) Benzo(g,h,i)perylene	17.363	276	857037	35.265	ng	98

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

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