Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021925\
Data File : BF141671.D
Acq On : 19 Feb 2025 12:47
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Feb 19 13:12:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	144854	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	529423	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	263870	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	393121	20.000	ng	-0.01
76) Chrysene-d12	13.945	240	243707	20.000	ng	-0.02
86) Perylene-d12	15.386	264	298525	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	734914	79.539	ng	0.00
7) Phenol-d6	6.434	99	878157	75.197	ng	0.00
23) Nitrobenzene-d5	7.351	82	795491	78.371	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	193953	73.171	ng	-0.02
45) 2-Fluorobiphenyl	9.140	172	1368805	79.920	ng	-0.01
79) Terphenyl-d14	12.886	244	1083904	75.083	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.458	88	147481	39.659	ng	97
3) Pyridine	3.193	79	354413	40.050	ng	94
4) n-Nitrosodimethylamine	3.158	42	220778	37.679	ng	94
6) Aniline	6.451	93	382794	34.943	ng	84
8) 2-Chlorophenol	6.575	128	390244	39.088	ng	99
9) Benzaldehyde	6.334	77	272949	43.983	ng	99
10) Phenol	6.446	94	451529	37.148	ng	96
11) bis(2-Chloroethyl)ether	6.528	93	360136	39.447	ng	98
12) 1,3-Dichlorobenzene	6.722	146	420158	39.863	ng	98
13) 1,4-Dichlorobenzene	6.804	146	423132	39.292	ng	99
14) 1,2-Dichlorobenzene	6.957	146	391619	39.182	ng	99
15) Benzyl Alcohol	6.934	79	318672	35.584	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	544720	34.855	ng	79
17) 2-Methylphenol	7.051	107	287643	36.816	ng	96
18) Hexachloroethane	7.293	117	158746	39.831	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	247180	35.385	ng	96
20) 3+4-Methylphenols	7.204	107	355941	35.848	ng	92
22) Acetophenone	7.198	105	511501	38.839	ng	96
24) Nitrobenzene	7.375	77	384365	38.833	ng	97
25) Isophorone	7.610	82	620809	38.358	ng	99
26) 2-Nitrophenol	7.687	139	200452	40.706	ng	94
27) 2,4-Dimethylphenol	7.728	122	229397	39.876	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	407865	39.329	ng	100
29) 2,4-Dichlorophenol	7.934	162	311343	40.056	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	343366	40.567	ng	100
31) Naphthalene	8.087	128	1091589	39.610	ng	100
32) Benzoic acid	7.881	122	211209	35.346	ng	99
33) 4-Chloroaniline	8.145	127	362931	37.720	ng	98
34) Hexachlorobutadiene	8.204	225	210119	41.351	ng	99
35) Caprolactam	8.522	113	84520	35.714	ng	88
36) 4-Chloro-3-methylphenol	8.634	107	323949	37.625	ng	99
37) 2-Methylnaphthalene	8.781	142	682989	38.085	ng	100
38) 1-Methylnaphthalene	8.875	142	657410	37.850	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	324000	42.441	ng	99
41) Hexachlorocyclopentadiene	8.928	237	92505	36.431	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	201362	40.811	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	217264	40.630	ng	98
46) 1,1'-Biphenyl	9.245	154	833621	40.749	ng	99
47) 2-Chloronaphthalene	9.269	162	620256	41.002	ng	99
48) 2-Nitroaniline	9.369	65	191472	37.715	ng	96
49) Acenaphthylene	9.681	152	882168	39.206	ng	99
50) Dimethylphthalate	9.545	163	698435	38.989	ng	99
51) 2,6-Dinitrotoluene	9.610	165	152459	38.932	ng	98
52) Acenaphthene	9.851	154	589482	38.969	ng	100
53) 3-Nitroaniline	9.781	138	151324	35.903	ng	99
54) 2,4-Dinitrophenol	9.892	184	79940	34.347	ng	93
55) Dibenzofuran	10.028	168	854542	38.487	ng	98
56) 4-Nitrophenol	9.957	139	120076	38.378	ng	92
57) 2,4-Dinitrotoluene	10.016	165	188887	36.233	ng	97
58) Fluorene	10.369	166	646819	37.676	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	172210	37.407	ng	96
60) Diethylphthalate	10.239	149	651471	36.963	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	322608	39.061	ng	99
62) 4-Nitroaniline	10.392	138	125627	29.354	ng	98
63) Azobenzene	10.522	77	654622	37.362	ng	96
65) 4,6-Dinitro-2-methylph...	10.428	198	105784	38.737	ng	93
66) n-Nitrosodiphenylamine	10.481	169	544346	43.256	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	190494	43.357	ng	96
68) Hexachlorobenzene	10.916	284	193174	42.697	ng	99
69) Atrazine	11.004	200	114605	30.357	ng	99
70) Pentachlorophenol	11.116	266	102329	35.372	ng	99
71) Phenanthrene	11.328	178	861878	39.829	ng	99
72) Anthracene	11.381	178	862794	39.663	ng	99
73) Carbazole	11.539	167	727652	37.176	ng	99
74) Di-n-butylphthalate	11.863	149	849687	37.596	ng	100
75) Fluoranthene	12.516	202	792391	34.539	ng	99
77) Benzidine	12.651	184	103965	19.343	ng	100
78) Pyrene	12.745	202	796721	38.403	ng	99
80) Butylbenzylphthalate	13.363	149	278663	38.780	ng	98
81) Benzo(a)anthracene	13.933	228	637454	39.349	ng	100
82) 3,3'-Dichlorobenzidine	13.898	252	196434	42.330	ng	98
83) Chrysene	13.969	228	599411	40.072	ng	100
84) Bis(2-ethylhexyl)phtha...	13.916	149	367321	45.323	ng	99
85) Di-n-octyl phthalate	14.527	149	659013	56.999	ng	98
87) Indeno(1,2,3-cd)pyrene	16.827	276	868109	47.063	ng	99
88) Benzo(b)fluoranthene	14.969	252	779556	38.891	ng	99
89) Benzo(k)fluoranthene	14.998	252	590697	34.511	ng	99
90) Benzo(a)pyrene	15.327	252	648841	40.004	ng	99
91) Dibenzo(a,h)anthracene	16.845	278	707192	47.316	ng	99
92) Benzo(g,h,i)perylene	17.263	276	755000	48.272	ng	99

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

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