Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
Data File : BF139990.D
Acq On : 24 Oct 2024 09:55
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Oct 24 11:02:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	160242	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	587754	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	322730	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	552693	20.000	ng		0.00
76) Chrysene-d12	14.057	240	268892	20.000	ng		0.00
86) Perylene-d12	15.533	264	303963	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	774298	75.645	ng		0.00
7) Phenol-d6	6.516	99	964287	72.737	ng		0.00
23) Nitrobenzene-d5	7.451	82	878769	82.866	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	264656	87.672	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	1527609	78.229	ng		0.00
79) Terphenyl-d14	12.998	244	1382993	83.809	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	176828	37.052	ng		93
3) Pyridine	3.434	79	440496	37.237	ng		96
4) n-Nitrosodimethylamine	3.387	42	221040	34.778	ng		97
6) Aniline	6.557	93	450356	36.450	ng		97
8) 2-Chlorophenol	6.675	128	397388	37.976	ng		99
9) Benzaldehyde	6.440	77	266226	35.697	ng		99
10) Phenol	6.528	94	503800m	36.861	ng		
11) bis(2-Chloroethyl)ether	6.628	93	390457	36.961	ng		98
12) 1,3-Dichlorobenzene	6.834	146	466352	38.824	ng		99
13) 1,4-Dichlorobenzene	6.910	146	467360	38.944	ng		99
14) 1,2-Dichlorobenzene	7.063	146	434528	38.796	ng		98
15) Benzyl Alcohol	7.028	79	360873	37.109	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	620809	34.465	ng		97
17) 2-Methylphenol	7.134	107	330173	37.003	ng		99
18) Hexachloroethane	7.404	117	167043	39.033	ng		97
19) n-Nitroso-di-n-propyla...	7.304	70	282083	35.083	ng		95
20) 3+4-Methylphenols	7.292	107	416195	36.467	ng	#	83
22) Acetophenone	7.298	105	545776	37.912	ng		99
24) Nitrobenzene	7.475	77	460520	39.608	ng		99
25) Isophorone	7.710	82	757098	37.614	ng		99
26) 2-Nitrophenol	7.787	139	208316	47.492	ng		96
27) 2,4-Dimethylphenol	7.822	122	274637	37.550	ng		100
28) bis(2-Chloroethoxy)met...	7.922	93	462579	37.932	ng		99
29) 2,4-Dichlorophenol	8.028	162	329245	39.521	ng		98
30) 1,2,4-Trichlorobenzene	8.116	180	370013	40.140	ng		100
31) Naphthalene	8.198	128	1179077	38.897	ng		100
32) Benzoic acid	7.922	122	290994	45.616	ng		96
33) 4-Chloroaniline	8.239	127	392794	38.001	ng		99
34) Hexachlorobutadiene	8.310	225	237818	41.060	ng		100
35) Caprolactam	8.610	113	103091	38.918	ng		90
36) 4-Chloro-3-methylphenol	8.716	107	351754	38.132	ng		97
37) 2-Methylnaphthalene	8.886	142	723557	38.975	ng		99
38) 1-Methylnaphthalene	8.986	142	706876	38.809	ng		100
40) 1,2,4,5-Tetrachloroben...	9.051	216	355797	40.864	ng		99
41) Hexachlorocyclopentadiene	9.039	237	133648	44.115	ng		98
43) 2,4,6-Trichlorophenol	9.157	196	260321	42.231	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	255051	40.103	ng		97
46) 1,1'-Biphenyl	9.351	154	884807	39.383	ng		99
47) 2-Chloronaphthalene	9.375	162	716569	39.600	ng		99
48) 2-Nitroaniline	9.469	65	233781	42.243	ng		91
49) Acenaphthylene	9.792	152	1020484	39.009	ng		100
50) Dimethylphthalate	9.651	163	779891	38.796	ng		100
51) 2,6-Dinitrotoluene	9.710	165	184898	42.481	ng		95
52) Acenaphthene	9.963	154	678587	40.099	ng		99
53) 3-Nitroaniline	9.875	138	183065	40.785	ng		95
54) 2,4-Dinitrophenol	9.981	184	95624	55.091	ng	#	1
55) Dibenzofuran	10.133	168	934503	38.488	ng		99
56) 4-Nitrophenol	10.028	139	147827	42.808	ng		95
57) 2,4-Dinitrotoluene	10.110	165	239410	44.729	ng		97
58) Fluorene	10.475	166	716749	38.758	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	207853	41.690	ng		96
60) Diethylphthalate	10.345	149	758570	38.433	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	374601	40.111	ng		98
62) 4-Nitroaniline	10.486	138	167010	39.396	ng		95
63) Azobenzene	10.628	77	775853	37.078	ng		97
65) 4,6-Dinitro-2-methylph...	10.516	198	129613	57.493	ng		94
66) n-Nitrosodiphenylamine	10.586	169	649534	39.266	ng		100
67) 4-Bromophenyl-phenylether	10.957	248	239237	42.017	ng		96
68) Hexachlorobenzene	11.028	284	265372	41.441	ng		95
69) Atrazine	11.110	200	178157	39.759	ng		99
70) Pentachlorophenol	11.216	266	180839	46.531	ng		99
71) Phenanthrene	11.439	178	1013712	38.829	ng		99
72) Anthracene	11.492	178	1003224	39.385	ng		100
73) Carbazole	11.645	167	886910	37.439	ng		99
74) Di-n-butylphthalate	11.975	149	1047818	38.284	ng		99
75) Fluoranthene	12.627	202	997974	37.814	ng		100
77) Benzidine	12.745	184	148061	33.487	ng		99
78) Pyrene	12.857	202	991454	42.123	ng		100
80) Butylbenzylphthalate	13.474	149	288336	40.861	ng		98
81) Benzo(a)anthracene	14.045	228	685819	39.181	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	221524	43.406	ng		99
83) Chrysene	14.080	228	612931	38.191	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	343936	43.443	ng		99
85) Di-n-octyl phthalate	14.645	149	611956	42.497	ng		97
87) Indeno(1,2,3-cd)pyrene	17.033	276	863954	44.181	ng		98
88) Benzo(b)fluoranthene	15.098	252	653367	35.286	ng		99
89) Benzo(k)fluoranthene	15.127	252	641324	40.161	ng		99
90) Benzo(a)pyrene	15.468	252	604156	39.654	ng		99
91) Dibenzo(a,h)anthracene	17.051	278	718383	44.037	ng		99
92) Benzo(g,h,i)perylene	17.486	276	742968	45.596	ng		98

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

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