Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092421\
Data File : BF125618.D
Acq On : 24 Sep 2021 12:35
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Sep 24 13:07:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 13:05:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	197763	20.00	ng		0.00
21) Naphthalene-d8	8.175	136	793029	20.00	ng		# 0.00
39) Acenaphthene-d10	9.928	164	432561	20.00	ng		0.00
64) Phenanthrene-d10	11.410	188	736009	20.00	ng		# 0.00
76) Chrysene-d12	14.045	240	405505	20.00	ng		0.00
86) Perylene-d12	15.521	264	396698	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	936146	74.86	ng		0.00
7) Phenol-d6	6.510	99	1235195	76.61	ng		0.00
23) Nitrobenzene-d5	7.451	82	918461	73.87	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	327165	77.22	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	1973737	68.98	ng		0.00
79) Terphenyl-d14	12.992	244	1904510	75.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	199474	39.56	ng	#	100
3) Pyridine	3.434	79	533707	39.50	ng	#	71
4) n-Nitrosodimethylamine	3.381	42	193986	36.40	ng	#	3
6) Aniline	6.551	93	708314	38.16	ng		94
8) 2-Chlorophenol	6.675	128	534827	37.45	ng		99
9) Benzaldehyde	6.440	77	293493	32.55	ng		94
10) Phenol	6.528	94	641228	39.07	ng		86
11) bis(2-Chloroethyl)ether	6.622	93	474340	36.15	ng		100
12) 1,3-Dichlorobenzene	6.834	146	568030	37.01	ng		95
13) 1,4-Dichlorobenzene	6.910	146	580138	37.39	ng		97
14) 1,2-Dichlorobenzene	7.063	146	541620	37.38	ng		99
15) Benzyl Alcohol	7.028	79	433807	37.60	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.163	45	596993	33.07	ng		89
17) 2-Methylphenol	7.134	107	424260	37.22	ng		96
18) Hexachloroethane	7.404	117	192054	34.77	ng		95
19) n-Nitroso-di-n-propyla...	7.304	70	341640	35.40	ng	#	68
20) 3+4-Methylphenols	7.287	107	538067	37.96	ng	#	85
22) Acetophenone	7.298	105	683353	37.24	ng	#	90
24) Nitrobenzene	7.469	77	485547	36.85	ng		93
25) Isophorone	7.710	82	967843	36.17	ng		94
26) 2-Nitrophenol	7.787	139	210044	35.40	ng	#	91
27) 2,4-Dimethylphenol	7.816	122	438292	36.86	ng		94
28) bis(2-Chloroethoxy)met...	7.916	93	547651	35.62	ng		97
29) 2,4-Dichlorophenol	8.022	162	451454	37.56	ng		97
30) 1,2,4-Trichlorobenzene	8.116	180	470033	37.10	ng		96
31) Naphthalene	8.198	128	1559627	38.29	ng		99
32) Benzoic acid	7.928	122	277880	38.49	ng		92
33) 4-Chloroaniline	8.239	127	653297	39.13	ng		99
34) Hexachlorobutadiene	8.316	225	256069	35.85	ng		99
35) Caprolactam	8.610	113	144159	43.73	ng	#	78
36) 4-Chloro-3-methylphenol	8.716	107	460488	39.00	ng		98
37) 2-Methylnaphthalene	8.886	142	1053703	38.20	ng		100
38) 1-Methylnaphthalene	8.986	142	998358	38.57	ng		98
40) 1,2,4,5-Tetrachloroben...	9.051	216	424218	36.42	ng		99
41) Hexachlorocyclopentadiene	9.039	237	194937	29.93	ng		97
43) 2,4,6-Trichlorophenol	9.157	196	318532	36.30	ng		98

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44) 2,4,5-Trichlorophenol	9.192	196	344744	37.43	ng		93
46) 1,1'-Biphenyl	9.351	154	1217533	37.36	ng		99
47) 2-Chloronaphthalene	9.375	162	1002987	37.05	ng		97
48) 2-Nitroaniline	9.463	65	228021	39.48	ng		97
49) Acenaphthylene	9.792	152	1524131	38.31	ng		99
50) Dimethylphthalate	9.645	163	1102284	37.03	ng		98
51) 2,6-Dinitrotoluene	9.704	165	216458	36.55	ng		95
52) Acenaphthene	9.963	154	933794	37.18	ng		96
53) 3-Nitroaniline	9.875	138	254397	40.44	ng		89
54) 2,4-Dinitrophenol	9.975	184	73992	34.68	ng		92
55) Dibenzofuran	10.133	168	1403776	37.67	ng		96
56) 4-Nitrophenol	10.022	139	213887	41.92	ng		88
57) 2,4-Dinitrotoluene	10.110	165	263756	37.16	ng	#	82
58) Fluorene	10.475	166	1041963	36.35	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.245	232	265986	38.46	ng	#	89
60) Diethylphthalate	10.345	149	1065136	36.30	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	461876	36.23	ng		87
62) 4-Nitroaniline	10.486	138	254568	44.78	ng	#	79
63) Azobenzene	10.628	77	1018969	35.74	ng		85
65) 4,6-Dinitro-2-methylph...	10.516	198	118490	33.16	ng	#	74
66) n-Nitrosodiphenylamine	10.586	169	963429	36.05	ng		94
67) 4-Bromophenyl-phenylether	10.957	248	295473	35.13	ng		97
68) Hexachlorobenzene	11.022	284	344208	36.31	ng	#	88
69) Atrazine	11.104	200	267969	37.29	ng		95
70) Pentachlorophenol	11.210	266	203272	37.61	ng		93
71) Phenanthrene	11.433	178	1578287	38.18	ng		98
72) Anthracene	11.486	178	1574758	38.21	ng		98
73) Carbazole	11.639	167	1528718	39.22	ng		98
74) Di-n-butylphthalate	11.969	149	1551546	33.54	ng		99
75) Fluoranthene	12.622	202	1546878	38.14	ng		96
77) Benzidine	12.739	184	451131	39.24	ng		97
78) Pyrene	12.851	202	1566266	41.22	ng		96
80) Butylbenzylphthalate	13.469	149	497573	32.40	ng		98
81) Benzo(a)anthracene	14.039	228	1061334	38.45	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	294348	34.80	ng		100
83) Chrysene	14.074	228	1049983	37.66	ng		97
84) Bis(2-ethylhexyl)phtha...	14.027	149	521229	27.77	ng		100
85) Di-n-octyl phthalate	14.639	149	756625	24.24	ng	#	89
87) Indeno(1,2,3-cd)pyrene	17.009	276	1191881	41.85	ng		97
88) Benzo(b)fluoranthene	15.086	252	1025703	35.35	ng		98
89) Benzo(k)fluoranthene	15.121	252	933126	35.17	ng		98
90) Benzo(a)pyrene	15.457	252	934261	37.00	ng		97
91) Dibenzo(a,h)anthracene	17.027	278	993079	41.15	ng		98
92) Benzo(g,h,i)perylene	17.462	276	1029601	43.22	ng		92

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

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