Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042621\
Data File : BF123735.D
Acq On : 26 Apr 2021 16:21
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Apr 26 16:54:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 26 16:51:15 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	287454	20.00	ng		0.00
21) Naphthalene-d8	8.098	136	1033474	20.00	ng		0.00
39) Acenaphthene-d10	9.851	164	521778	20.00	ng		0.00
64) Phenanthrene-d10	11.339	188	984264	20.00	ng		0.00
76) Chrysene-d12	13.986	240	730961	20.00	ng		0.00
86) Perylene-d12	15.433	264	560592	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1368376	76.94	ng		0.00
7) Phenol-d6	6.451	99	1893653	76.84	ng		0.00
23) Nitrobenzene-d5	7.381	82	1817280	80.84	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	514954	87.15	ng		0.00
45) 2-Fluorobiphenyl	9.175	172	2642769	75.50	ng		0.00
79) Terphenyl-d14	12.927	244	2937666	78.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.522	88	372231	40.06	ng		95
3) Pyridine	3.252	79	950226	41.82	ng		92
4) n-Nitrosodimethylamine	3.210	42	514330	38.20	ng		97
6) Aniline	6.475	93	1112412	38.35	ng		100
8) 2-Chlorophenol	6.598	128	749951	39.26	ng		99
9) Benzaldehyde	6.357	77	440748	27.39	ng		99
10) Phenol	6.463	94	998519	38.15	ng		83
11) bis(2-Chloroethyl)ether	6.551	93	758903	39.00	ng		97
12) 1,3-Dichlorobenzene	6.751	146	758937	38.64	ng		96
13) 1,4-Dichlorobenzene	6.828	146	776873	38.98	ng		97
14) 1,2-Dichlorobenzene	6.981	146	710795	37.95	ng		97
15) Benzyl Alcohol	6.957	79	774840	39.85	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.087	45	1625450	37.00	ng		98
17) 2-Methylphenol	7.069	107	643546	39.21	ng		98
18) Hexachloroethane	7.328	117	310084	39.02	ng		95
19) n-Nitroso-di-n-propyla...	7.228	70	595700	36.49	ng		98
20) 3+4-Methylphenols	7.222	107	769506	36.74	ng	#	79
22) Acetophenone	7.222	105	1085690	37.88	ng		93
24) Nitrobenzene	7.398	77	946042	39.97	ng		99
25) Isophorone	7.639	82	1712868	39.27	ng		98
26) 2-Nitrophenol	7.710	139	400890	49.56	ng		98
27) 2,4-Dimethylphenol	7.751	122	606920	40.66	ng		99
28) bis(2-Chloroethoxy)met...	7.845	93	875862	40.02	ng		100
29) 2,4-Dichlorophenol	7.957	162	602573	41.46	ng		97
30) 1,2,4-Trichlorobenzene	8.039	180	621026	39.76	ng		99
31) Naphthalene	8.122	128	2099230	39.43	ng		100
32) Benzoic acid	7.886	122	416414	47.06	ng		96
33) 4-Chloroaniline	8.169	127	885263	40.49	ng		97
34) Hexachlorobutadiene	8.239	225	386504	39.44	ng		98
35) Caprolactam	8.545	113	210670	41.52	ng		95
36) 4-Chloro-3-methylphenol	8.651	107	745868	39.57	ng		97
37) 2-Methylnaphthalene	8.810	142	1356539	38.86	ng		100
38) 1-Methylnaphthalene	8.910	142	1277280	38.67	ng		99
40) 1,2,4,5-Tetrachloroben...	8.975	216	587649	40.81	ng		99
41) Hexachlorocyclopentadiene	8.963	237	252002	33.67	ng		97
43) 2,4,6-Trichlorophenol	9.086	196	420527	43.03	ng		98

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44) 2,4,5-Trichlorophenol	9.128	196	441632	41.34	ng		97
46) 1,1'-Biphenyl	9.275	154	1619065	39.65	ng		99
47) 2-Chloronaphthalene	9.298	162	1235446	40.20	ng		99
48) 2-Nitroaniline	9.392	65	561591	43.86	ng		93
49) Acenaphthylene	9.716	152	1980183	39.39	ng		98
50) Dimethylphthalate	9.581	163	1402748	38.91	ng		100
51) 2,6-Dinitrotoluene	9.639	165	338843	42.82	ng		93
52) Acenaphthene	9.886	154	1233952	38.26	ng		99
53) 3-Nitroaniline	9.810	138	393362	42.85	ng		96
54) 2,4-Dinitrophenol	9.910	184	189297	54.46	ng		96
55) Dibenzofuran	10.057	168	1828446	39.52	ng		99
56) 4-Nitrophenol	9.975	139	304027	43.22	ng		93
57) 2,4-Dinitrotoluene	10.039	165	450208	42.60	ng	#	86
58) Fluorene	10.404	166	1380886	37.97	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	356799	41.94	ng		96
60) Diethylphthalate	10.275	149	1517545	38.45	ng		99
61) 4-Chlorophenyl-phenyle...	10.392	204	637705	37.99	ng		100
62) 4-Nitroaniline	10.422	138	393347	42.43	ng		95
63) Azobenzene	10.551	77	1732526	38.76	ng		97
65) 4,6-Dinitro-2-methylph...	10.451	198	267083	52.01	ng		91
66) n-Nitrosodiphenylamine	10.516	169	1235913	39.23	ng		98
67) 4-Bromophenyl-phenylether	10.886	248	416272	40.45	ng		93
68) Hexachlorobenzene	10.951	284	474310	40.90	ng		97
69) Atrazine	11.045	200	388256	39.54	ng		97
70) Pentachlorophenol	11.145	266	255287	42.13	ng		98
71) Phenanthrene	11.363	178	1990349	38.75	ng		99
72) Anthracene	11.416	178	2002177	39.00	ng		100
73) Carbazole	11.569	167	2036094	39.73	ng		98
74) Di-n-butylphthalate	11.904	149	2293855	36.99	ng		100
75) Fluoranthene	12.551	202	2163971	38.33	ng		99
77) Benzidine	12.674	184	841307	42.34	ng		99
78) Pyrene	12.780	202	2222561	41.66	ng		100
80) Butylbenzylphthalate	13.404	149	967590	38.60	ng		97
81) Benzo(a)anthracene	13.974	228	1727991	38.58	ng		99
82) 3,3'-Dichlorobenzidine	13.933	252	527598	36.87	ng	#	99
83) Chrysene	14.010	228	1744631	38.79	ng		100
84) Bis(2-ethylhexyl)phtha...	13.963	149	1200413	36.01	ng		99
85) Di-n-octyl phthalate	14.580	149	1961893	36.57	ng		98
87) Indeno(1,2,3-cd)pyrene	16.880	276	1165061	38.95	ng		98
88) Benzo(b)fluoranthene	15.015	252	1473392	37.23	ng	#	98
89) Benzo(k)fluoranthene	15.045	252	1466987	37.92	ng		99
90) Benzo(a)pyrene	15.380	252	1304184	41.43	ng		96
91) Dibenzo(a,h)anthracene	16.898	278	987001	39.01	ng		99
92) Benzo(g,h,i)perylene	17.315	276	964893	38.71	ng		98

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

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