Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020421\
Data File : BF123119.D
Acq On : 4 Feb 2021 18:09
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Feb 04 23:31:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:29:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	266797	20.00	ng		0.00
21) Naphthalene-d8	8.181	136	961658	20.00	ng		# 0.00
39) Acenaphthene-d10	9.945	164	499908	20.00	ng		0.00
64) Phenanthrene-d10	11.433	188	885316	20.00	ng		0.00
76) Chrysene-d12	14.086	240	687510	20.00	ng		0.00
86) Perylene-d12	15.574	264	597439	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1356535	78.43	ng		0.01
7) Phenol-d6	6.528	99	1781205	75.98	ng		0.01
23) Nitrobenzene-d5	7.463	82	1602175	83.85	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	508427	93.69	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	2726431	81.07	ng		0.00
79) Terphenyl-d14	13.027	244	3104431	88.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	321294	37.34	ng		94
3) Pyridine	3.446	79	852828	37.06	ng		96
4) n-Nitrosodimethylamine	3.399	42	356934	36.86	ng		92
6) Aniline	6.563	93	1078242	37.37	ng		99
8) 2-Chlorophenol	6.687	128	750521	40.03	ng		98
9) Benzaldehyde	6.445	77	444228	41.45	ng		98
10) Phenol	6.540	94	938687	40.37	ng		92
11) bis(2-Chloroethyl)ether	6.634	93	726653	37.56	ng		98
12) 1,3-Dichlorobenzene	6.840	146	873170	39.94	ng		98
13) 1,4-Dichlorobenzene	6.916	146	870459	38.23	ng		98
14) 1,2-Dichlorobenzene	7.069	146	796228	37.38	ng		98
15) Benzyl Alcohol	7.040	79	655173	39.86	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1112566	37.29	ng		100
17) 2-Methylphenol	7.145	107	629246	39.44	ng		99
18) Hexachloroethane	7.410	117	326448	40.93	ng		94
19) n-Nitroso-di-n-propyla...	7.316	70	527010	37.38	ng		98
20) 3+4-Methylphenols	7.304	107	743618	39.57	ng		95
22) Acetophenone	7.310	105	973711	38.86	ng	#	96
24) Nitrobenzene	7.481	77	801113	40.69	ng		97
25) Isophorone	7.722	82	1386443	39.61	ng		100
26) 2-Nitrophenol	7.798	139	400163	49.15	ng		94
27) 2,4-Dimethylphenol	7.834	122	585594	39.86	ng		98
28) bis(2-Chloroethoxy)met...	7.928	93	943379	39.50	ng		100
29) 2,4-Dichlorophenol	8.040	162	643478	41.89	ng		97
30) 1,2,4-Trichlorobenzene	8.122	180	726797	42.00	ng		99
31) Naphthalene	8.204	128	2101597	39.84	ng		98
32) Benzoic acid	7.957	122	500173	42.86	ng		99
33) 4-Chloroaniline	8.251	127	917509	39.19	ng		99
34) Hexachlorobutadiene	8.322	225	439011	43.91	ng		99
35) Caprolactam	8.634	113	206108	39.70	ng		96
36) 4-Chloro-3-methylphenol	8.734	107	670572	41.98	ng		97
37) 2-Methylnaphthalene	8.898	142	1386851	39.60	ng		98
38) 1-Methylnaphthalene	8.998	142	1312827	39.60	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	668508	42.99	ng		99
41) Hexachlorocyclopentadiene	9.051	237	341657	46.28	ng		97
43) 2,4,6-Trichlorophenol	9.175	196	480391	45.06	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	489747	43.93	ng		97
46) 1,1'-Biphenyl	9.363	154	1661764	40.53	ng		100
47) 2-Chloronaphthalene	9.386	162	1402815	40.87	ng		100
48) 2-Nitroaniline	9.481	65	453283	43.57	ng		90
49) Acenaphthylene	9.804	152	2022501	40.26	ng		99
50) Dimethylphthalate	9.663	163	1609492	41.04	ng		99
51) 2,6-Dinitrotoluene	9.722	165	365827	43.79	ng	#	88
52) Acenaphthene	9.981	154	1320708	40.93	ng		99
53) 3-Nitroaniline	9.892	138	413372	41.84	ng		91
54) 2,4-Dinitrophenol	9.998	184	181997	50.40	ng	#	91
55) Dibenzofuran	10.151	168	1806958	38.48	ng		100
56) 4-Nitrophenol	10.045	139	302498	42.36	ng		85
57) 2,4-Dinitrotoluene	10.128	165	476669	43.87	ng		98
58) Fluorene	10.492	166	1378679	36.75	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	416916	44.09	ng		96
60) Diethylphthalate	10.363	149	1587546	41.16	ng		100
61) 4-Chlorophenyl-phenyle...	10.481	204	710458	40.31	ng		99
62) 4-Nitroaniline	10.510	138	404137	40.71	ng		99
63) Azobenzene	10.645	77	1462571	38.76	ng		98
65) 4,6-Dinitro-2-methylph...	10.539	198	230406	47.24	ng		96
66) n-Nitrosodiphenylamine	10.604	169	1269477	39.78	ng		99
67) 4-Bromophenyl-phenylether	10.975	248	484308	42.95	ng		99
68) Hexachlorobenzene	11.045	284	522189	43.18	ng		99
69) Atrazine	11.128	200	370079	42.00	ng		99
70) Pentachlorophenol	11.233	266	311087	47.46	ng		99
71) Phenanthrene	11.457	178	2080499	37.84	ng		99
72) Anthracene	11.510	178	2072932	39.30	ng		99
73) Carbazole	11.663	167	1891753	38.65	ng		100
74) Di-n-butylphthalate	11.998	149	2379118	40.99	ng		100
75) Fluoranthene	12.651	202	2140225	38.94	ng		98
77) Benzidine	12.769	184	608581	39.12	ng		99
78) Pyrene	12.886	202	2135041	41.14	ng		100
80) Butylbenzylphthalate	13.504	149	1039362	46.54	ng		95
81) Benzo(a)anthracene	14.074	228	1901237	40.86	ng		98
82) 3,3'-Dichlorobenzidine	14.039	252	660239	45.09	ng		99
83) Chrysene	14.116	228	1850810	39.74	ng		99
84) Bis(2-ethylhexyl)phtha...	14.063	149	1362436	45.91	ng		98
85) Di-n-octyl phthalate	14.680	149	2257226	45.29	ng		99
87) Indeno(1,2,3-cd)pyrene	17.086	276	1702107	42.78	ng		99
88) Benzo(b)fluoranthene	15.139	252	1847084	42.83	ng		100
89) Benzo(k)fluoranthene	15.174	252	1620851	40.45	ng		99
90) Benzo(a)pyrene	15.515	252	1580692	41.74	ng		100
91) Dibenzo(a,h)anthracene	17.104	278	1386256	42.33	ng		99
92) Benzo(g,h,i)perylene	17.545	276	1333536	42.02	ng		100

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

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