Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052019\
Data File : BF114439.D
Acq On : 20 May 2019 15:30
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: May 20 17:21:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 04:47:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	243038	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	972975	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	461992	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	910205	20.00	ng		0.00
76) Chrysene-d12	14.00	240	587916	20.00	ng		0.00
87) Perylene-d12	15.46	264	547564	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1146915	75.94	ng		-0.01
7) Phenol-d6	6.48	99	1416123	79.28	ng		0.00
23) Nitrobenzene-d5	7.40	82	1371931	79.13	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	363924	76.19	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	2304537	75.46	ng		0.00
79) Terphenyl-d14	12.93	244	2280129	79.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	278843	33.591	ng		100
3) Pyridine	3.33	79	797101	34.851	ng		98
4) n-Nitrosodimethylamine	3.30	42	377830	34.257	ng		97
6) Aniline	6.50	93	990285	38.380	ng	#	84
8) 2-Chlorophenol	6.62	128	655513	40.658	ng		96
9) Benzaldehyde	6.38	77	422622	33.797	ng		99
10) Phenol	6.49	94	817271	38.894	ng		80
11) bis(2-Chloroethyl)ether	6.56	93	655349	41.081	ng		99
12) 1,3-Dichlorobenzene	6.77	146	722445	39.919	ng		99
13) 1,4-Dichlorobenzene	6.85	146	736504	40.386	ng		98
14) 1,2-Dichlorobenzene	7.00	146	671951	40.330	ng		100
15) Benzyl Alcohol	6.98	79	541334	38.857	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1215507	39.298	ng		75
17) 2-Methylphenol	7.09	107	522100	39.421	ng		94
18) Hexachloroethane	7.34	117	274879	40.155	ng		97
19) n-Nitroso-di-n-propylamine	7.25	70	449710	39.720	ng		95
20) 3+4-Methylphenols	7.25	107	636023	41.565	ng	#	72
22) Acetophenone	7.24	105	857953	39.804	ng	#	93
24) Nitrobenzene	7.42	77	703166	39.821	ng		98
25) Isophorone	7.66	82	1281685	39.861	ng		100
26) 2-Nitrophenol	7.73	139	358357	41.829	ng		98
27) 2,4-Dimethylphenol	7.77	122	523158	38.881	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	847191	40.608	ng		99
29) 2,4-Dichlorophenol	7.98	162	539786	40.287	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	603620	39.619	ng		99
31) Naphthalene	8.13	128	1841960	40.528	ng		99
32) Benzoic acid	7.93	122	395079	42.177	ng		95
33) 4-Chloroaniline	8.19	127	843753	40.740	ng		99
34) Hexachlorobutadiene	8.25	225	347853	40.127	ng		98
35) Caprolactam	8.57	113	193594	44.312	ng		98
36) 4-Chloro-3-methylphenol	8.68	107	567717	42.095	ng		99
37) 2-Methylnaphthalene	8.83	142	1221473	41.655	ng		97
38) 1-Methylnaphthalene	8.93	142	1148598	41.594	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	561165	40.098	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	214858	35.497	ng		99
43) 2,4,6-Trichlorophenol	9.11	196	382060	39.690	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	391350	39.643	ng		98
46) 1,1'-Biphenyl	9.29	154	1483609	39.751	ng		98
47) 2-Chloronaphthalene	9.32	162	1193014	39.718	ng		99
48) 2-Nitroaniline	9.42	65	436733	40.998	ng		97
49) Acenaphthylene	9.73	152	1791239	39.209	ng		99
50) Dimethylphthalate	9.59	163	1376877	40.598	ng		99
51) 2,6-Dinitrotoluene	9.66	165	303248	40.314	ng		99
52) Acenaphthene	9.90	154	1078807	38.482	ng		99
53) 3-Nitroaniline	9.83	138	376780	40.351	ng		97
54) 2,4-Dinitrophenol	9.95	184	128417	37.834	ng		98
55) Dibenzofuran	10.07	168	1532337	37.276	ng		100
56) 4-Nitrophenol	10.01	139	247909	37.542	ng		90
57) 2,4-Dinitrotoluene	10.07	165	376140	36.841	ng	#	88
58) Fluorene	10.42	166	1260418	39.696	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	317031	37.220	ng		97
60) Diethylphthalate	10.29	149	1343450	38.987	ng		99
61) 4-Chlorophenyl-phenylether	10.40	204	619187	39.704	ng		97
62) 4-Nitroaniline	10.45	138	392299	39.981	ng		95
63) Azobenzene	10.57	77	1299568	38.962	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	190408	43.535	ng		100
66) n-Nitrosodiphenylamine	10.53	169	1119038	40.508	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	401922	40.105	ng		96
68) Hexachlorobenzene	10.97	284	443619	40.013	ng		92
69) Atrazine	11.05	200	332252	38.649	ng		100
70) Pentachlorophenol	11.17	266	195743	37.245	ng		98
71) Phenanthrene	11.38	178	1777055	40.130	ng		99
72) Anthracene	11.43	178	1811265	40.723	ng		99
73) Carbazole	11.59	167	1729842	40.785	ng		99
74) Di-n-butylphthalate	11.91	149	2105677	43.092	ng		99
75) Fluoranthene	12.57	202	1916006	40.179	ng		98
77) Benzidine	12.69	184	828432	31.391	ng		97
78) Pyrene	12.80	202	1938201	40.981	ng		99
80) Butylbenzylphthalate	13.40	149	875547	43.982	ng		98
81) Benzo(a)anthracene	13.99	228	1581886	41.600	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	623738	42.283	ng		99
83) Chrysene	14.03	228	1512393	40.572	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1158639	44.502	ng		99
85) Di-n-octyl phthalate	14.57	149	1765196	41.824	ng		99
86) Indeno(1,2,3-cd)pyrene	16.95	276	1402738	42.579	ng		99
88) Benzo(b)fluoranthene	15.04	252	1520176	43.334	ng		100
89) Benzo(k)fluoranthene	15.07	252	1230671	38.190	ng		99
90) Benzo(a)pyrene	15.40	252	1282048	41.526	ng		100
91) Dibenzo(a,h)anthracene	16.95	278	1146505	44.690	ng		99
92) Benzo(g,h,i)perylene	17.39	276	1189679	46.274	ng		99

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

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