Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
Data File : BF114058.D
Acq On : 1 May 2019 10:15
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 01 14:23:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	208624	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	817635	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	426357	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	831085	20.00	ng		0.00
76) Chrysene-d12	14.07	240	655063	20.00	ng		0.00
87) Perylene-d12	15.56	264	668944	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	940976	77.14	ng		0.00
7) Phenol-d6	6.53	99	1218780	79.64	ng		0.01
23) Nitrobenzene-d5	7.46	82	1113857	84.11	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	410178	78.97	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	2033662	74.60	ng		0.00
79) Terphenyl-d14	13.00	244	2423374	75.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	209009	36.350	ng		97
3) Pyridine	3.47	79	608157	38.749	ng		98
4) n-Nitrosodimethylamine	3.43	42	209037	38.909	ng		93
6) Aniline	6.56	93	837729	39.865	ng		98
8) 2-Chlorophenol	6.69	128	560022	40.214	ng		97
9) Benzaldehyde	6.45	77	330300	37.302	ng		93
10) Phenol	6.55	94	716763	39.169	ng		90
11) bis(2-Chloroethyl)ether	6.63	93	547890	39.787	ng		99
12) 1,3-Dichlorobenzene	6.84	146	628523	39.850	ng		98
13) 1,4-Dichlorobenzene	6.92	146	624825	39.387	ng		98
14) 1,2-Dichlorobenzene	7.07	146	580193	39.795	ng		100
15) Benzyl Alcohol	7.04	79	486098	47.163	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.17	45	629381	39.153	ng		95
17) 2-Methylphenol	7.15	107	458829	37.587	ng		99
18) Hexachloroethane	7.41	117	223192	40.135	ng		98
19) n-Nitroso-di-n-propylamine	7.31	70	379329	38.276	ng		97
20) 3+4-Methylphenols	7.30	107	538777	39.065	ng	#	77
22) Acetophenone	7.30	105	710391	39.043	ng	#	91
24) Nitrobenzene	7.48	77	601945	41.138	ng		95
25) Isophorone	7.72	82	1053107	38.866	ng		99
26) 2-Nitrophenol	7.79	139	310344	46.491	ng		97
27) 2,4-Dimethylphenol	7.83	122	427260	39.285	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	685701	39.714	ng		99
29) 2,4-Dichlorophenol	8.04	162	505348	40.633	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	560526	40.421	ng		98
31) Naphthalene	8.20	128	1551415	39.941	ng		99
32) Benzoic acid	7.97	122	324144	44.133	ng		98
33) 4-Chloroaniline	8.25	127	665767	40.508	ng		97
34) Hexachlorobutadiene	8.32	225	343835	39.774	ng		98
35) Caprolactam	8.63	113	154618	39.082	ng		93
36) 4-Chloro-3-methylphenol	8.73	107	490009	39.769	ng		100
37) 2-Methylnaphthalene	8.89	142	1031010	39.362	ng		97
38) 1-Methylnaphthalene	8.99	142	994264	39.329	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	557704	40.269	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	271114	35.105	ng		98
43) 2,4,6-Trichlorophenol	9.17	196	359152	40.839	ng		99
44) 2,4,5-Trichlorophenol	9.22	196	394704	40.014	ng		96
46) 1,1'-Biphenyl	9.36	154	1284921	39.450	ng		99
47) 2-Chloronaphthalene	9.38	162	1042878	39.373	ng		97
48) 2-Nitroaniline	9.47	65	298418	42.978	ng		89
49) Acenaphthylene	9.80	152	1627667	39.253	ng		100
50) Dimethylphthalate	9.66	163	1223285	39.672	ng		99
51) 2,6-Dinitrotoluene	9.72	165	283135	42.800	ng		97
52) Acenaphthene	9.97	154	979540	39.972	ng		96
53) 3-Nitroaniline	9.89	138	296767	42.691	ng		92
54) 2,4-Dinitrophenol	9.99	184	130038	49.029	ng	#	2
55) Dibenzofuran	10.14	168	1426736	38.868	ng		97
56) 4-Nitrophenol	10.05	139	232995	42.332	ng		98
57) 2,4-Dinitrotoluene	10.12	165	373695	44.755	ng		99
58) Fluorene	10.49	166	1087017	39.333	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	338534	39.053	ng		98
60) Diethylphthalate	10.35	149	1127342	38.500	ng		100
61) 4-Chlorophenyl-phenylether	10.47	204	573486	39.183	ng		97
62) 4-Nitroaniline	10.50	138	301520	44.448	ng		96
63) Azobenzene	10.63	77	1077672	37.974	ng		97
65) 4,6-Dinitro-2-methylphenol	10.53	198	181282	47.652	ng		97
66) n-Nitrosodiphenylamine	10.59	169	976697	39.167	ng		100
67) 4-Bromophenyl-phenylether	10.96	248	391870	39.031	ng		96
68) Hexachlorobenzene	11.04	284	432380	39.191	ng		97
69) Atrazine	11.12	200	302526	37.293	ng		99
70) Pentachlorophenol	11.23	266	252962	40.496	ng		96
71) Phenanthrene	11.45	178	1620779	38.805	ng		99
72) Anthracene	11.50	178	1655392	39.248	ng		99
73) Carbazole	11.65	167	1522195	40.453	ng		99
74) Di-n-butylphthalate	11.97	149	1735771	39.215	ng		100
75) Fluoranthene	12.63	202	1771678	38.879	ng		99
77) Benzidine	12.74	184	754062	38.634	ng		99
78) Pyrene	12.86	202	1798596	39.262	ng		100
80) Butylbenzylphthalate	13.47	149	754005	41.834	ng		94
81) Benzo(a)anthracene	14.06	228	1711667	44.349	ng		100
82) 3,3'-Dichlorobenzidine	14.02	252	666249	47.097	ng	#	99
83) Chrysene	14.10	228	1617699	43.038	ng		99
84) Bis(2-ethylhexyl)phthalate	14.04	149	1036252	45.189	ng		100
85) Di-n-octyl phthalate	14.66	149	1692523	47.154	ng		99
86) Indeno(1,2,3-cd)pyrene	17.07	276	1505023	42.271	ng		98
88) Benzo(b)fluoranthene	15.13	252	1712616	40.465	ng		99
89) Benzo(k)fluoranthene	15.16	252	1375017	37.769	ng		99
90) Benzo(a)pyrene	15.50	252	1442742	39.411	ng		100
91) Dibenzo(a,h)anthracene	17.09	278	1242026	36.143	ng		100
92) Benzo(g,h,i)perylene	17.52	276	1210361	34.901	ng		99

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

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