Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
Data File : BF114514.D
Acq On : 23 May 2019 5:37
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 23 06:01:02 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	172137	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	681293	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	306500	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	518568	20.00	ng		0.00
76) Chrysene-d12	14.00	240	379498	20.00	ng		0.00
87) Perylene-d12	15.47	264	283788	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	867403	81.09	ng		-0.01
7) Phenol-d6	6.48	99	1065897	84.25	ng		0.00
23) Nitrobenzene-d5	7.40	82	981194	80.82	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	214365	67.65	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	1621371	80.02	ng		0.00
79) Terphenyl-d14	12.93	244	1375764	74.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	200355	34.077	ng		99
3) Pyridine	3.29	79	566586	34.976	ng		98
4) n-Nitrosodimethylamine	3.25	42	275401	35.255	ng		98
6) Aniline	6.50	93	714187	39.080	ng	#	71
8) 2-Chlorophenol	6.62	128	484041	42.388	ng		97
9) Benzaldehyde	6.38	77	329028	37.150	ng		97
10) Phenol	6.49	94	610535	41.023	ng		76
11) bis(2-Chloroethyl)ether	6.56	93	457982	40.534	ng		99
12) 1,3-Dichlorobenzene	6.77	146	526341	41.062	ng		99
13) 1,4-Dichlorobenzene	6.85	146	535133	41.430	ng		99
14) 1,2-Dichlorobenzene	7.00	146	493775	41.843	ng		99
15) Benzyl Alcohol	6.98	79	383956	38.912	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	826643	37.733	ng		64
17) 2-Methylphenol	7.10	107	369900	39.433	ng	#	89
18) Hexachloroethane	7.34	117	158018	32.592	ng		99
19) n-Nitroso-di-n-propylamine	7.25	70	315825	39.385	ng		98
20) 3+4-Methylphenols	7.25	107	487758	45.005	ng	#	67
22) Acetophenone	7.24	105	632155	41.884	ng	#	89
24) Nitrobenzene	7.42	77	503297	40.705	ng		100
25) Isophorone	7.66	82	865639	38.448	ng		100
26) 2-Nitrophenol	7.73	139	241921	40.328	ng		99
27) 2,4-Dimethylphenol	7.77	122	348315	36.969	ng		100
28) bis(2-Chloroethoxy)methane	7.86	93	574137	39.302	ng		98
29) 2,4-Dichlorophenol	7.99	162	390059	41.576	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	420629	39.428	ng		98
31) Naphthalene	8.14	128	1318921	41.444	ng		99
32) Benzoic acid	7.92	122	221414	35.158	ng		95
33) 4-Chloroaniline	8.19	127	606883	41.848	ng		98
34) Hexachlorobutadiene	8.25	225	236350	38.937	ng		98
35) Caprolactam	8.57	113	134110	43.839	ng		94
36) 4-Chloro-3-methylphenol	8.69	107	404758	42.861	ng		97
37) 2-Methylnaphthalene	8.83	142	859847	41.877	ng		96
38) 1-Methylnaphthalene	8.93	142	799948	41.371	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	389800	41.984	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	309	4.392	ng	#	28
43) 2,4,6-Trichlorophenol	9.12	196	265609	41.591	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	268653	41.020	ng		97
46) 1,1'-Biphenyl	9.29	154	1026905	41.473	ng		98
47) 2-Chloronaphthalene	9.32	162	822474	41.273	ng		99
48) 2-Nitroaniline	9.42	65	302573	42.814	ng		96
49) Acenaphthylene	9.73	152	1244772	41.070	ng		99
50) Dimethylphthalate	9.59	163	915684	40.697	ng		99
51) 2,6-Dinitrotoluene	9.66	165	196527	39.380	ng		98
52) Acenaphthene	9.90	154	730461	39.275	ng		99
53) 3-Nitroaniline	9.83	138	264525	42.700	ng		96
54) 2,4-Dinitrophenol	9.96	184	3784	8.126	ng		98
55) Dibenzofuran	10.07	168	1046339	38.367	ng		97
56) 4-Nitrophenol	10.02	139	142333	32.489	ng		90
57) 2,4-Dinitrotoluene	10.07	165	233515	34.475	ng	#	80
58) Fluorene	10.42	166	842674	40.003	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	198450	35.118	ng		99
60) Diethylphthalate	10.29	149	901955	39.453	ng		99
61) 4-Chlorophenyl-phenylether	10.40	204	415041	40.115	ng		97
62) 4-Nitroaniline	10.45	138	263950	40.547	ng		97
63) Azobenzene	10.57	77	822419	37.165	ng		97
65) 4,6-Dinitro-2-methylphenol	10.49	198	16942	6.799	ng		75
66) n-Nitrosodiphenylamine	10.53	169	736673	46.807	ng		98
67) 4-Bromophenyl-phenylether	10.89	248	250592	43.889	ng		95
68) Hexachlorobenzene	10.97	284	261584	41.413	ng		97
69) Atrazine	11.05	200	185319	37.837	ng		99
70) Pentachlorophenol	11.17	266	90774	30.316	ng		98
71) Phenanthrene	11.38	178	1074741	42.599	ng		99
72) Anthracene	11.43	178	1059994	41.830	ng		99
73) Carbazole	11.59	167	1004203	41.557	ng		97
74) Di-n-butylphthalate	11.91	149	1253616	45.030	ng		99
75) Fluoranthene	12.57	202	1088677	40.071	ng		98
77) Benzidine	12.69	184	684798	40.199	ng		96
78) Pyrene	12.80	202	1131900	37.077	ng		99
80) Butylbenzylphthalate	13.40	149	488794	38.039	ng		99
81) Benzo(a)anthracene	13.99	228	1032120	42.049	ng		100
82) 3,3'-Dichlorobenzidine	13.94	252	426046	44.743	ng		99
83) Chrysene	14.03	228	997741	41.466	ng		98
84) Bis(2-ethylhexyl)phthalate	13.96	149	637353	37.924	ng		99
85) Di-n-octyl phthalate	14.57	149	1132923	41.585	ng		99
86) Indeno(1,2,3-cd)pyrene	16.96	276	654219	30.765	ng		100
88) Benzo(b)fluoranthene	15.04	252	859944	47.299	ng		99
89) Benzo(k)fluoranthene	15.07	252	759485	45.475	ng		99
90) Benzo(a)pyrene	15.41	252	691126	43.193	ng		98
91) Dibenzo(a,h)anthracene	16.96	278	543975	40.913	ng		97
92) Benzo(g,h,i)perylene	17.40	276	544556	40.869	ng		99

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

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