Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116416.D
Acq On : 20 Aug 2019 5:08
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 20 08:11:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:03:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	96558	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	413957	20.00	ng		-0.01
39) Acenaphthene-d10	9.84	164	230225	20.00	ng		-0.01
64) Phenanthrene-d10	11.32	188	413921	20.00	ng		-0.02
76) Chrysene-d12	13.97	240	255111	20.00	ng		-0.01
87) Perylene-d12	15.42	264	297038	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	503446	87.28	ng		-0.01
7) Phenol-d6	6.46	99	634660	87.21	ng		0.00
23) Nitrobenzene-d5	7.37	82	583710	81.39	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	188050	84.25	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	1040440	84.65	ng		-0.01
79) Terphenyl-d14	12.90	244	1145934	94.65	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	116883	40.113	ng		99
3) Pyridine	3.23	79	313095	38.465	ng		99
4) n-Nitrosodimethylamine	3.18	42	100858	31.398	ng		99
6) Aniline	6.47	93	416487	39.963	ng	#	53
8) 2-Chlorophenol	6.60	128	285309	44.732	ng		98
9) Benzaldehyde	6.36	77	202297	40.289	ng		98
10) Phenol	6.47	94	366601	42.779	ng		78
11) bis(2-Chloroethyl)ether	6.54	93	270823	42.984	ng		99
12) 1,3-Dichlorobenzene	6.75	146	317288	43.044	ng		97
13) 1,4-Dichlorobenzene	6.82	146	318542	43.160	ng		98
14) 1,2-Dichlorobenzene	6.97	146	300717	44.250	ng		99
15) Benzyl Alcohol	6.96	79	235748	42.688	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	365320	42.509	ng		62
17) 2-Methylphenol	7.07	107	234666	43.451	ng	#	91
18) Hexachloroethane	7.31	117	105680	38.891	ng		99
19) n-Nitroso-di-n-propylamine	7.22	70	204242	45.291	ng		98
20) 3+4-Methylphenols	7.23	107	311763	48.781	ng	#	79
22) Acetophenone	7.22	105	398254	43.867	ng	#	93
24) Nitrobenzene	7.39	77	323987	41.840	ng		99
25) Isophorone	7.63	82	576956	42.074	ng		99
26) 2-Nitrophenol	7.71	139	158750	43.492	ng		95
27) 2,4-Dimethylphenol	7.75	122	229205	41.738	ng		97
28) bis(2-Chloroethoxy)methane	7.83	93	360917	42.464	ng		99
29) 2,4-Dichlorophenol	7.96	162	251222	43.326	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	276004	41.758	ng		99
31) Naphthalene	8.10	128	838969	43.068	ng		99
32) Benzoic acid	7.90	122	132894	34.324	ng		99
33) 4-Chloroaniline	8.16	127	371792	42.716	ng		98
34) Hexachlorobutadiene	8.22	225	156185	41.025	ng		99
35) Caprolactam	8.54	113	82513	43.999	ng		97
36) 4-Chloro-3-methylphenol	8.66	107	272931	45.246	ng		99
37) 2-Methylnaphthalene	8.80	142	557866	43.484	ng		99
38) 1-Methylnaphthalene	8.90	142	539017	44.411	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	258784	42.046	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	3270	7.018	ng		97
43) 2,4,6-Trichlorophenol	9.09	196	165928	39.167	ng		99
44) 2,4,5-Trichlorophenol	9.14	196	170895	39.024	ng		96
46) 1,1'-Biphenyl	9.26	154	694256	42.713	ng		98
47) 2-Chloronaphthalene	9.29	162	568847	42.050	ng		99
48) 2-Nitroaniline	9.39	65	189098	42.290	ng		99
49) Acenaphthylene	9.70	152	851408	43.140	ng		99
50) Dimethylphthalate	9.56	163	666937	42.546	ng		100
51) 2,6-Dinitrotoluene	9.63	165	145997	42.857	ng	#	83
52) Acenaphthene	9.87	154	519495	42.906	ng		100
53) 3-Nitroaniline	9.80	138	180692	42.927	ng		99
54) 2,4-Dinitrophenol	9.94	184	19499	17.967	ng		97
55) Dibenzofuran	10.05	168	737550	41.888	ng		99
56) 4-Nitrophenol	9.99	139	98835	36.653	ng		93
57) 2,4-Dinitrotoluene	10.05	165	187064	41.243	ng		96
58) Fluorene	10.39	166	617826	45.606	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	147712	40.092	ng		98
60) Diethylphthalate	10.26	149	653312	44.639	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	311995	45.474	ng		98
62) 4-Nitroaniline	10.42	138	177511	40.807	ng		98
63) Azobenzene	10.53	77	670943	44.571	ng		99
65) 4,6-Dinitro-2-methylphenol	10.46	198	46801	21.336	ng		98
66) n-Nitrosodiphenylamine	10.49	169	541005	43.424	ng		100
67) 4-Bromophenyl-phenylether	10.86	248	194815	43.966	ng		97
68) Hexachlorobenzene	10.95	284	214952	41.952	ng	#	92
69) Atrazine	11.02	200	96953	23.655	ng		98
70) Pentachlorophenol	11.15	266	86021	34.580	ng		99
71) Phenanthrene	11.35	178	910400	43.024	ng		100
72) Anthracene	11.40	178	919862	42.953	ng		99
73) Carbazole	11.56	167	842936	43.385	ng		99
74) Di-n-butylphthalate	11.87	149	1078467	47.583	ng		99
75) Fluoranthene	12.54	202	874308	39.467	ng		99
77) Benzidine	12.66	184	380933	44.198	ng		98
78) Pyrene	12.77	202	859073	44.672	ng		99
80) Butylbenzylphthalate	13.37	149	411558	50.593	ng		94
81) Benzo(a)anthracene	13.96	228	700961	42.988	ng		99
82) 3,3'-Dichlorobenzidine	13.91	252	259909	45.880	ng		99
83) Chrysene	13.99	228	678600	42.867	ng		99
84) Bis(2-ethylhexyl)phthalate	13.93	149	564563	53.407	ng		98
85) Di-n-octyl phthalate	14.53	149	842462	50.175	ng		99
86) Indeno(1,2,3-cd)pyrene	16.89	276	622637	46.829	ng		99
88) Benzo(b)fluoranthene	15.00	252	703234	40.945	ng		99
89) Benzo(k)fluoranthene	15.03	252	657199	39.286	ng		98
90) Benzo(a)pyrene	15.36	252	647245	42.157	ng		98
91) Dibenzo(a,h)anthracene	16.88	278	535896	40.324	ng		99
92) Benzo(g,h,i)perylene	17.32	276	463643	35.523	ng		100

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

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