Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
Data File : BF116620.D
Acq On : 28 Aug 2019 17:42
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 29 01:03:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 13:34:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	118563	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	485304	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	297046	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	522180	20.00	ng		0.00
76) Chrysene-d12	14.01	240	343447	20.00	ng		0.00
87) Perylene-d12	15.46	264	288019	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	596195	86.85	ng		0.00
7) Phenol-d6	6.49	99	753272	80.94	ng		0.00
23) Nitrobenzene-d5	7.43	82	718809	84.75	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	234461	82.94	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1282238	71.84	ng		0.00
79) Terphenyl-d14	12.96	244	1553832	73.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	132133	41.379	ng		98
3) Pyridine	3.38	79	385436	42.820	ng		100
4) n-Nitrosodimethylamine	3.33	42	144920	43.233	ng		97
6) Aniline	6.53	93	511945	40.836	ng		100
8) 2-Chlorophenol	6.65	128	318593	41.186	ng		97
9) Benzaldehyde	6.41	77	238421	44.096	ng		94
10) Phenol	6.50	94	426305	41.761	ng		99
11) bis(2-Chloroethyl)ether	6.60	93	310391	40.913	ng		99
12) 1,3-Dichlorobenzene	6.81	146	363708	39.691	ng		99
13) 1,4-Dichlorobenzene	6.88	146	367896	40.181	ng		99
14) 1,2-Dichlorobenzene	7.04	146	346394	40.032	ng		99
15) Benzyl Alcohol	7.00	79	299146	41.320	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	411818	40.021	ng		99
17) 2-Methylphenol	7.11	107	276066	39.855	ng		98
18) Hexachloroethane	7.38	117	137446	40.656	ng		89
19) n-Nitroso-di-n-propylamine	7.28	70	239994	40.552	ng		99
20) 3+4-Methylphenols	7.26	107	342356	40.686	ng	#	88
22) Acetophenone	7.27	105	473881	41.575	ng	#	97
24) Nitrobenzene	7.45	77	362283	42.124	ng		99
25) Isophorone	7.69	82	644184	41.722	ng		100
26) 2-Nitrophenol	7.76	139	171811	41.568	ng		98
27) 2,4-Dimethylphenol	7.80	122	255788	39.521	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	401999	40.084	ng		99
29) 2,4-Dichlorophenol	8.00	162	267604	39.561	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	313389	40.329	ng		99
31) Naphthalene	8.17	128	957346	41.182	ng		100
32) Benzoic acid	7.91	122	228316	41.279	ng		98
33) 4-Chloroaniline	8.21	127	420690	41.060	ng		98
34) Hexachlorobutadiene	8.29	225	174700	40.351	ng		99
35) Caprolactam	8.58	113	86667	42.909	ng		98
36) 4-Chloro-3-methylphenol	8.69	107	290126	42.578	ng		98
37) 2-Methylnaphthalene	8.86	142	626775	43.172	ng		96
38) 1-Methylnaphthalene	8.96	142	595481	41.999	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	286839	35.196	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	158637	33.614	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	202131	35.315	ng		96
44) 2,4,5-Trichlorophenol	9.17	196	198621	34.502	ng		94
46) 1,1'-Biphenyl	9.32	154	813793	36.090	ng		98
47) 2-Chloronaphthalene	9.35	162	638279	36.311	ng		97
48) 2-Nitroaniline	9.43	65	206224	37.094	ng		90
49) Acenaphthylene	9.76	152	1049630	40.654	ng		99
50) Dimethylphthalate	9.62	163	726488	36.379	ng		100
51) 2,6-Dinitrotoluene	9.67	165	169986	38.601	ng	#	88
52) Acenaphthene	9.93	154	708677	40.538	ng		96
53) 3-Nitroaniline	9.85	138	216584	41.190	ng		99
54) 2,4-Dinitrophenol	9.95	184	90552	41.499	ng	#	45
55) Dibenzofuran	10.10	168	961017	40.822	ng		99
56) 4-Nitrophenol	9.99	139	169708	42.456	ng		91
57) 2,4-Dinitrotoluene	10.08	165	245604	42.268	ng		92
58) Fluorene	10.45	166	728714	40.786	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	200817	42.379	ng		99
60) Diethylphthalate	10.32	149	791104	40.584	ng		99
61) 4-Chlorophenyl-phenylether	10.44	204	364692	40.717	ng		97
62) 4-Nitroaniline	10.46	138	215954	42.213	ng		99
63) Azobenzene	10.60	77	779423	39.609	ng		97
65) 4,6-Dinitro-2-methylphenol	10.49	198	116725	41.902	ng		93
66) n-Nitrosodiphenylamine	10.55	169	664547	40.203	ng		98
67) 4-Bromophenyl-phenylether	10.93	248	220673	39.841	ng		96
68) Hexachlorobenzene	11.00	284	248184	40.247	ng		96
69) Atrazine	11.07	200	202187	41.310	ng		98
70) Pentachlorophenol	11.18	266	156399	41.278	ng		98
71) Phenanthrene	11.40	178	1120473	39.949	ng		100
72) Anthracene	11.46	178	1134815	40.465	ng		100
73) Carbazole	11.60	167	1013817	42.475	ng		100
74) Di-n-butylphthalate	11.94	149	1212319	43.829	ng		100
75) Fluoranthene	12.59	202	1140056	45.323	ng		96
77) Benzidine	12.70	184	522099	42.022	ng		98
78) Pyrene	12.82	202	1153359	36.520	ng		99
80) Butylbenzylphthalate	13.43	149	485524	39.679	ng		98
81) Benzo(a)anthracene	14.00	228	899683	39.291	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	320629	43.030	ng		99
83) Chrysene	14.04	228	896059	39.973	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	595423	41.496	ng		100
85) Di-n-octyl phthalate	14.60	149	913974	43.670	ng		99
86) Indeno(1,2,3-cd)pyrene	16.91	276	656500	35.762	ng		99
88) Benzo(b)fluoranthene	15.04	252	773357	43.724	ng		99
89) Benzo(k)fluoranthene	15.07	252	663408	39.459	ng		97
90) Benzo(a)pyrene	15.40	252	634054	40.166	ng		99
91) Dibenzo(a,h)anthracene	16.93	278	539385	36.620	ng		99
92) Benzo(g,h,i)perylene	17.35	276	526271	34.361	ng		98

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

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