Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082119\
Data File : BF116458.D
Acq On : 21 Aug 2019 11:36
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 21 16:15:03 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	127972	20.00	ng		-0.02
21) Naphthalene-d8	8.07	136	542763	20.00	ng		-0.02
39) Acenaphthene-d10	9.83	164	284328	20.00	ng		-0.02
64) Phenanthrene-d10	11.32	188	496468	20.00	ng		-0.02
76) Chrysene-d12	13.96	240	380296	20.00	ng		-0.02
87) Perylene-d12	15.42	264	375675	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	691921	90.51	ng		-0.02
7) Phenol-d6	6.45	99	859256	89.09	ng		-0.01
23) Nitrobenzene-d5	7.37	82	773842	82.30	ng		-0.02
42) 2,4,6-Tribromophenol	10.63	330	216861	78.67	ng		-0.02
45) 2-Fluorobiphenyl	9.15	172	1236794	81.48	ng		-0.02
79) Terphenyl-d14	12.90	244	1426275	79.03	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	161841	41.907	ng		99
3) Pyridine	3.26	79	418310	38.776	ng		99
4) n-Nitrosodimethylamine	3.23	42	173037	40.645	ng		98
6) Aniline	6.46	93	560254	40.562	ng	#	55
8) 2-Chlorophenol	6.59	128	384865	45.529	ng		99
9) Benzaldehyde	6.35	77	271319	40.771	ng		97
10) Phenol	6.46	94	493062	43.412	ng		78
11) bis(2-Chloroethyl)ether	6.53	93	361381	43.278	ng		97
12) 1,3-Dichlorobenzene	6.74	146	410411	42.010	ng		98
13) 1,4-Dichlorobenzene	6.82	146	418906	42.826	ng		98
14) 1,2-Dichlorobenzene	6.97	146	390593	43.366	ng		100
15) Benzyl Alcohol	6.95	79	307413	42.000	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	463743	40.716	ng	#	50
17) 2-Methylphenol	7.06	107	320635	44.796	ng	#	93
18) Hexachloroethane	7.30	117	150813	41.876	ng		94
19) n-Nitroso-di-n-propylamine	7.22	70	262864	43.982	ng		99
20) 3+4-Methylphenols	7.22	107	410599	48.475	ng	#	78
22) Acetophenone	7.21	105	514168	43.195	ng	#	93
24) Nitrobenzene	7.39	77	441524	43.487	ng		98
25) Isophorone	7.62	82	753627	41.915	ng		99
26) 2-Nitrophenol	7.70	139	210848	44.056	ng		98
27) 2,4-Dimethylphenol	7.74	122	298484	41.454	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	465046	41.730	ng		100
29) 2,4-Dichlorophenol	7.95	162	328778	43.246	ng		100
30) 1,2,4-Trichlorobenzene	8.02	180	350840	40.484	ng		99
31) Naphthalene	8.10	128	1093865	42.827	ng		99
32) Benzoic acid	7.91	122	179448	35.349	ng		98
33) 4-Chloroaniline	8.16	127	481490	42.191	ng		98
34) Hexachlorobutadiene	8.22	225	200041	40.075	ng		100
35) Caprolactam	8.54	113	107167	43.584	ng		98
36) 4-Chloro-3-methylphenol	8.65	107	348194	44.025	ng		97
37) 2-Methylnaphthalene	8.79	142	699058	41.558	ng		99
38) 1-Methylnaphthalene	8.89	142	673026	42.293	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	322009	42.363	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	37116	15.993 ng	99
43) 2,4,6-Trichlorophenol	9.08	196	193850	37.051 ng	99
44) 2,4,5-Trichlorophenol	9.13	196	197422	36.503 ng	97
46) 1,1'-Biphenyl	9.25	154	849612	42.325 ng	99
47) 2-Chloronaphthalene	9.28	162	699386	41.862 ng	100
48) 2-Nitroaniline	9.39	65	237627	43.030 ng	95
49) Acenaphthylene	9.69	152	1022435	41.948 ng	99
50) Dimethylphthalate	9.56	163	790457	40.830 ng	99
51) 2,6-Dinitrotoluene	9.63	165	176885	42.044 ng	98
52) Acenaphthene	9.86	154	630540	42.168 ng	99
53) 3-Nitroaniline	9.80	138	227223	43.709 ng	100
54) 2,4-Dinitrophenol	9.93	184	66882	36.016 ng	100
55) Dibenzofuran	10.04	168	863724	39.719 ng	99
56) 4-Nitrophenol	9.99	139	83593	25.102 ng	98
57) 2,4-Dinitrotoluene	10.04	165	220080	39.289 ng	91
58) Fluorene	10.38	166	732203	43.764 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	166592	36.613 ng	95
60) Diethylphthalate	10.25	149	742058	41.055 ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	362274	42.755 ng	98
62) 4-Nitroaniline	10.42	138	219092	40.782 ng	98
63) Azobenzene	10.53	77	792492	42.628 ng	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	116645	44.336 ng	96
66) n-Nitrosodiphenylamine	10.49	169	639491	42.795 ng	99
67) 4-Bromophenyl-phenylether	10.86	248	217536	40.931 ng	98
68) Hexachlorobenzene	10.93	284	249386	40.580 ng	97
69) Atrazine	11.01	200	37082	7.543 ng	99
70) Pentachlorophenol	11.14	266	63949	21.433 ng	98
71) Phenanthrene	11.35	178	1079649	42.539 ng	100
72) Anthracene	11.40	178	1100120	42.829 ng	99
73) Carbazole	11.55	167	1031813	44.277 ng	100
74) Di-n-butylphthalate	11.87	149	1137757	41.853 ng	99
75) Fluoranthene	12.53	202	1145235	43.101 ng	98
77) Benzidine	12.65	184	407622	31.726 ng	99
78) Pyrene	12.76	202	1181692	41.221 ng	99
80) Butylbenzylphthalate	13.36	149	501514	41.357 ng	94
81) Benzo(a)anthracene	13.95	228	1047112	43.078 ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	356938	42.267 ng	98
83) Chrysene	13.99	228	996530	42.229 ng	99
84) Bis(2-ethylhexyl)phthalate	13.92	149	643387	40.829 ng	98
85) Di-n-octyl phthalate	14.53	149	1026853	41.026 ng	99
86) Indeno(1,2,3-cd)pyrene	16.88	276	824233	41.585 ng	100
88) Benzo(b)fluoranthene	15.00	252	886004	40.788 ng	99
89) Benzo(k)fluoranthene	15.03	252	879485	41.569 ng	99
90) Benzo(a)pyrene	15.36	252	810422	41.736 ng	99
91) Dibenzo(a,h)anthracene	16.87	278	676104	40.225 ng	99
92) Benzo(g,h,i)perylene	17.32	276	664959	40.283 ng	98

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

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